



March 21, 2007

State of Utah
Division of Oil, Gas & Mining
PO Box 145801
Salt Lake City UT 84114-5801

RE: Directional Drilling R649-3-11
State of Utah 17-8-19-11DX:

1142' FSL x 1736' FWL, Sec 18, T17S, R8W Surface Hole
550' FNL x 900' FWL, Sec 19, T17S, R8E, Bottom Hole
both in SLB&M, Emery County, Utah

To Whom It May Concern:

Pursuant to the filing of XTO Energy Inc. Application of Permit to Drill regarding the above referenced well on March 21, 2007 we are hereby submitting this letter in accordance with Oil & Gas Conservation Rule R649-3-11 pertaining to the Exception to Location and Siting of Wells.

- The State of Utah 17-8-19-11DX is located within the proposed CMB Huntington Unit Area.
- XTO Energy Inc. is permitting this well as a directional drill well in order to minimize surface disturbance. Locating the well at the surface location and directionally drilling from this location, XTO will be able to utilize the existing road and pipelines along with the use of an existing well pad in the area.
- Furthermore, XTO is the owner of all the oil and gas within a radius of 460 feet from all points along the intended well bore.

Therefore, based on the above stated information XTO Energy Inc. requests the permit be granted pursuant to R649-3-11.

Regards,

A handwritten signature in black ink, appearing to read "Kyla Vaughan". The signature is fluid and cursive, with the first name "Kyla" being more prominent.

Kyla Vaughan
Regulatory Compliance



March 23, 2007

Utah Division of Oil, Gas & Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, UT 84114-5801

RE: State of Utah 17-8-19-11DX Rig skid

Dear Diana,

Please see enclosed APD for the State of Utah 17-8-19-11DX well location. This APD is for a "rig skid". The original well bore (State of Utah 17-8-19-11D) was abandoned due to casing fish was irrevocably stuck above the productive interval. The original well bore P&A has been completed. The Subsequent P&A report have been submitted to your office.

Regards,

A handwritten signature in black ink that reads "Kyla Vaughan". The signature is fluid and cursive, with the first name "Kyla" and last name "Vaughan" clearly distinguishable.

Kyla Vaughan
Regulatory Compliance

RECEIVED

MAR 26 2007

DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

RIG SKID AMENDED REPORT ☐
(highlight changes)

APPLICATION FOR PERMIT TO DRILL		5. MINERAL LEASE NO: ML-48195	6. SURFACE: State
1A. TYPE OF WORK: DRILL <input checked="" type="checkbox"/> REENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/>		7. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A	
B. TYPE OF WELL: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER _____ SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. UNIT or CO-AGREEMENT NAME: N/A Huntington CBM	
2. NAME OF OPERATOR: XTO Energy, Inc.		9. WELL NAME and NUMBER: State of Utah 17-8-19-11DX	
3. ADDRESS OF OPERATOR: 2700 Fmt. Ave. Bldg K - CITY Farmington STATE NM ZIP 87401		PHONE NUMBER: (505) 324-1090	
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 1142' FSL x 1736' FWL in Sec 18, T17S, R8W AT PROPOSED PRODUCING ZONE: 550' FNL x 900' FWL in Sec 19, T17S, R8E NWNW 493914X 4354255Y 39.339585 -111.070617 493658X 4353738Y 39.334917 -111.073589		10. FIELD AND POOL, OR WILDCAT: Ferron Sandstone / Buzzard Bench 132 11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNW 10 17S 8E S SESW 8	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: Approximately 3 miles Northwest of Huntington, Utah		12. COUNTY: Emery	13. STATE: UTAH
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) 750'	16. NUMBER OF ACRES IN LEASE: 1375.80	17. NUMBER OF ACRES ASSIGNED TO THIS WELL: 160	
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET) > 1000'	19. PROPOSED DEPTH: 4,850	20. BOND DESCRIPTION: UTB-000138	
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): 6996' Ground Elevation	22. APPROXIMATE DATE WORK WILL START: 5/15/2007	23. ESTIMATED DURATION: 2 weeks	

24. **PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT	SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT
14.75"	11.75" J-55 47#	300	Type V +/- 240 sx 1.61 ft3/sx 14.2 ppg
8.75"	5.5" J-55 15.5#	4,850	CBM light wt - lead +/- 121 sx 4.15 ft3/sx 10.5 ppg
			CBM light wt - tail +/- 159 sx 1.81 ft3/sx 13.5 ppg

25. **ATTACHMENTS**

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES:

<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER	<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN
<input checked="" type="checkbox"/> EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER	<input type="checkbox"/> FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER

NAME (PLEASE PRINT) Kyla Vaughan TITLE Regulatory Compliance Tech

SIGNATURE Kyla Vaughan DATE 3/21/2007

(This space for State use only)

API NUMBER ASSIGNED: 43-015-30708

Approved by the
Utah Division of
Oil, Gas and Mining
APPROVAL:

Date: 04-09-07
(See Instructions)
By: [Signature]

RECEIVED
MAR 26 2007
DIV. OF OIL, GAS & MINING

Range 8 East

18

Location:

The well location was determined using a Trimble 5700 GPS survey grade unit.

Basis of Bearing:

The Basis of Bearing is GPS Measured.

GLO Bearing:

The Bearings indicated are per the recorded plat obtained from the U.S. Land Office.

Basis of Elevation:

Basis of Elevation of 6508.0' being at the Northeast Section corner of Section 12, Township 17 South, Range 7 East, Salt Lake Base & Meridian, as shown on the Red Point Quadrangle 7.5 Minute Series Map.

Description of Location:

SURFACE LOCATION

Proposed Drill Hole located in the SE1/4 SW1/4 of Section 18, T17S, R8E, S.L.B.&M., being North 1142.15' from South Line and East 1736.33' from West Line of Section 18, T17S, R8E, Salt Lake Base & Meridian.

TARGET LOCATION

Proposed Target is located in the NW1/4 NW1/4 of Section 19, T17S, R8E, S.L.B.&M., being South 550.00' from North Line and East 900.00' from West Line of Section 19, T17S, R8E, Salt Lake Base & Meridian.

Surveyor's Certificate:

I, Albert J. Spensko, a Registered Professional Land Surveyor, holding Certificate 146652 State of Utah, do hereby certify that the information on this drawing is a true and accurate survey based on data of record and was conducted under my personal direction and supervision as shown hereon.



TALON RESOURCES, INC.

615 North 400 East P.O. Box 1230
Huntington, Utah 84528
Phone (435)687-5310 Fax (435)687-5311
E-Mail taloneetv.net



State of Utah #17-8-19-11DX
Section 18, T17S, R8E, S.L.B.&M.
Emery County, Utah

Drawn By: N. BUTKOVICH	Checked By: L.W.J./A.J.S.
Drawing No. A-1	Date: 2/6/07
	Scale: 1" = 1000'
Sheet 1 of 3	Job No. 2720

(N00°01'W)

(N00°20'17"W - 2632.68')

(N00°14'16"W - 5239.93')

(N00°07'E - 2621.52')

UTM
N 4354287
E 493909

SURFACE LOCATION
STATE OF UTAH
#17-8-19-11DX
ELEV. 6996.0'

S25°57'36"W
1894.41'

(N89°47'E - 5398.80')

(N89°14'33"E - 5380.55')

TARGET
900.00'

UTM
N 4353767
E 493656

Legend

- Drill Hole Location
- Brass Cap (Found)
- Brass Cap (Searched for, but not found)
- ▲ Rock Pile
- () GLO
- GPS Measured

NOTES:

1. UTM and Latitude / Longitude Coordinates are derived using a GPS Pathfinder and are shown in NAD 27 Datum.

SURFACE LOCATION TARGET LOCATION

LAT / LONG	LAT / LONG
39°20'23.528" N 111°04'14.445" W	39°20'06.653" N 111°04'24.996" W

GRAPHIC SCALE

0 500' 1000'
(IN FEET)
1 inch = 1000 ft.

19

Application for Permit to Drill Surface Use Plan

Company: XTO Energy, Inc
Well No: State of Utah 17-8-19-11DX
Location: 1142' FSL & 1736' FWL, Section 18, T17S, R8E

Thirteen Point Surface Use Plan

The dirt contractor will be provided an approved copy of the surface use plan of operations before starting construction.

1. Existing Roads

- a. Proposed route to location: The proposed route to location is shown on Exhibit "A" and is from the Red Point Quadrangle 7.5 minute series USGS quadrangle map.
- b. Location of proposed well in relation to town or other reference point: The well is located approx 3 miles NW of Huntington, Utah. Travel North on HWY 10 from Huntington to 400 N, go North 3.1 miles, turn left go 2 miles, at intersection turn right go 1 mile, at intersection turn left go 1 mile, turn left go 1/4 mile to location.
- c. Contact the County Road Department for use of County Roads: No county road permits should be required.
- d. Plans for improvement and/or maintenance of existing roads: All existing roads within 1 mile of the drill site are shown on Exhibit "B". All roads that will be used to the well location will be maintained to their current conditions are better.
- e. Other Comments: None

2. Planned Access Roads

- a. Location of Access Road: Starting from a point along an existing road in the SW/4 of Section 18, T17S, R8E.
- b. Length of New Road: 0' of road will need to be constructed to access this location.
- c. Length of Existing Road to Upgrade: No existing roads should need upgrades to access this location.
- d. Maximum Disturbed Width: Typically new access roads require up to 60' of disturbed width which includes ROW for gas and water pipe lines and electric service.
- e. Travel Width of Access Road: 25' or less.

- f. **Maximum Grade after Construction:** Maximum grades will not exceed 10% after construction.
- g. **Turnouts Planned:** No Turnouts are planned at this time.
- h. **Surface Materials:** Only native materials will be used if additional construction is required. If necessary, gravel or rock maybe purchased and used to improve road conditions and travel.
- i. **Drainage (crowning, ditching, culverts, etc.):** Roads will be re-crowned and bar ditches, if necessary, will be located on either side. 18"-24" culverts will be installed as necessary.
- j. **Cattle Guards:** No cattle guards are planned at this time. If necessary, cattle guards will be specified in the stipulations.
- k. **Length of new and/or existing roads which lie outside the lease or unit boundary for which a BLM/State/Fee right of way is required:** None.
- l. **Other:**
 - i. Surface disturbance and vehicular travel will be limited to the approved location and access road. Any additional area needed must be approved by the State of Utah in Advance.
 - ii. If a right-of-way is necessary, no surface disturbing activities shall take place on the subject right-of-way until the associated APD is approved. The holder will adhere to conditions of approval in the Surface Use Program of the approved APD, relevant to any right-of-way facilities.
 - iii. If a right-of-way is secured, boundary adjustments in the lease or unit shall automatically amend this right-of-way to include that portion of the facility no longer contained within the lease or unit. In the event of an automatic amendment to this right-of-way grant, the prior on-lease/unit conditions of approval of this facility will not be affected even though they would now apply to facilities outside of the lease/unit as a result of the boundary adjustment. Rental fees, if appropriate, shall be recalculated based on the conditions of this grant and the regulations in effect at the time of an automatic amendment.
 - iv. If at any time the facilities located on public lands authorized by the terms of the lease are no longer included in the lease (due to a contraction in the unit or other lease or unit boundary change) the State of Utah will process a change in authorization to the appropriate statute. The authorization will be subject to appropriate rental, or other financial obligations determined by the State of Utah.

- v. If the well is not productive, the access road will be rehabilitated or brought to Resource (Class III) Road Standards within 60 days of dismantling the rig. If upgraded, the access road must be maintained at these standards until the well is properly abandoned. If this time frame cannot be met, the Field Office Manager will be notified so that temporary drainage control can be installed along the access road.

3. Location of Existing Wells:

- a. On a map, show the location of all water, injection, disposal, producing and drilling wells within a one mile radius of the proposed well, and describe the status of each: See Exhibit "B".

4. Location of Production Facilities:

- a. On-Site facilities: Typical on-site facilities will consist of a wellhead, gas flow line, water flow line, artificial lifting system (pumping unit), 2 phase separator, gas measurement, water measurement, electronics, a heated enclosure/building for weather and environmental protection and chemical injection equipment (as required). All production and measurement shall conform to the provisions of 43 CFR § 3162.7 and Onshore Oil and Gas Order No. 4, if applicable.
- b. All permanent (in place for six months or longer) structures constructed or installed on the well site location will be painted a flat, non reflective color to match the standard environmental colors, as specified by the COA's in the APD. All facilities will be painted within six months of installation. Facilities required complying with the Occupational Safety and Health Act (OSHA) may be excluded.
- c. Off-site facilities: Off-site facilities are located at the CDP station and include compression, processing, separation, tanks, pits, electronics, and produced water disposal (SWD) well.
- d. Pipelines: The well will be produced into gas and water pipelines (sizes to be determined) and transported to existing pipelines. See Exhibit "B" for the proposed pipeline route. Pipeline will follow same route as State of Utah 17-8-18-24 well location.
- e. Power lines: Power lines are located underground in the same ROW as the water and gas pipelines.

5. Location and Type of Water Supply:

- a. All water required for drilling will be purchased from local municipal water supply. If possible, currently produced coal well water may also be used after receiving any necessary permits. Water will be trucked to location by a third party trucking company who specializes in water hauling.
- b. Water obtained on private land, or land administered by another agency, will require approval from the owner or agency for use of land.

6. Source of Construction Material:

- a. Pad construction material will be obtained from (if the source is Federally owned, show location on a map): All construction material will be purchased from private land owners or from a commercial gravel/materials pit. The use of materials will conform to 43 CFR § 3610.2-3, if applicable.
- b. The use of materials under State of Utah jurisdiction will conform to 43CFR § 3610.2-3, if applicable.

7. Methods of Handling Waste Disposal:

- a. Describe the methods and locations proposed for safe containment and disposal of waste material, e.g. cuttings, produced water, garbage, sewage, chemicals, etc. The reserve pit will be located along the edge and within the boundaries of the designated well pad. The walls of the pit will be sloped at no greater than 2 to 1 and will be lined with a synthetic material of approximately 12 mills in thickness. The reserve pit shall be located in cut material, with at least 50% of the pit volume being below original ground level. Three sides of the pit will be fenced before drilling starts. The fourth side will be fenced as soon as drilling is completed, and shall remain until the pit is dry. The amount of time the pit way remain open will typically be specified by the COA's. Once dry, the liner will be cut and removed at the mud line and the pit will be covered and buried in place.
- b. Trash must be contained in a trash cage and hauled away to an approved disposal site as necessary but no later than the completion of drilling operations.
- c. Sewage from trailers and chemical portable toilets will be removed on a regular basis by a third party contractor and disposed of at an authorized sanitary waste facility.
- d. Any and all chemicals used during the drilling and completion of the well will be kept to a minimum and stored within the boundaries of the well pad. The third party chemical contractor will be responsible for containment and clean-up and removal of all spilled chemicals on location.

8. Ancillary Facilities:

- a. No ancillary facilities will be required during the drilling or completion of the well.

9. Well Site Layout:

- a. Depict the pit, rig, cut and fill, topsoil, etc. on a plat with a scale of at least 1"=50'. See Exhibit "D".
- b. All equipment and vehicles that will be used to drill and complete this well will remain within the boundaries of the approved well pad. Any equipment and or vehicles parked or stored off the location will be considered trespassing on federal lands and will NOT be tolerated.

- c. Materials obtained from the construction of the location, like topsoil and vegetation will be stock piled as indicated and permitted by the approved APD. The stock piles themselves may be outside the approved boundaries of the well pad.

10. Plans for Restoration of the Surface:

- a. The top 6 inches of topsoil material will be removed from the location and stockpiled separately on Adjacent Land or as specified by the approved APD.
- b. Topsoil along the access road will be reserved in place adjacent to the road.
- c. Within 30-45 days after completion of well, all equipment that is not necessary for production shall be removed.
- d. The reserve pit and that portion of the location not needed for production will be reclaimed 90-120 days after completion of the well.
- e. Before any dirt work to restore the location takes place, the reserve pit must be ready for burial.
- f. All road surfacing will be removed prior to the rehabilitation of roads.
- g. Reclaimed roads will have the berms and cuts reduced and will be closed to vehicle use.
- h. All disturbed areas will be re-contoured to replicate the natural slope.
- i. The stockpiled topsoil will be evenly distributed over the disturbed area.
- j. Prior to reseeding, all disturbed areas, including the access roads, will be scarified and left with a rough surface.
- k. Seed will broadcast or drilled between September and November, or at a time specified by the BLM and or state. If broadcast, a harrow or some other implement will be dragged over the seeded area to assure seed coverage.
- l. The following seed mixture will be used: As specified conditions of approval.
- m. If necessary, and abandonment marker will be one of the following, as specified by the State of Utah:
 - i. At least four feet above ground level,
 - ii. At restored ground level, or
 - iii. Below ground level.
 - iv. In any case the marker shall be inscribed with the following: operator name, lease number, well name and description (township, section, and either quarter-quarter or footages).

- n. Additional requirements: None

11. Surface and Mineral Ownership:

Both the Surface and the Minerals are owned by the State of Utah.

12. Other Information:

- a. Archeological Concerns: An approved contractor will submit the appropriate reports to the agency as required. Special stipulations will be included in the COA's of the approved APD.
- b. The operator is responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator is to immediately stop work that might further disturb such materials, and contact the State of Utah Field Office. Within five (5) working days, the State of Utah will inform the operator as to:
 - i. Whether the materials appear eligible for the National Register of Historic Places;
 - ii. The mitigation measures the operator will likely have to undertake before the site can be used (assuming in situ preservation is not necessary); and
 - iii. A time frame for the State of Utah to complete an expedited review under 36 CFR § 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the State of Utah are correct and that mitigation is appropriate.
- c. If the operator wishes, at any time, to relocate activities to avoid the expenses of mitigation and/or the delays associated with this process, the State will assume responsibility for whatever recordation and stabilization of the exposed materials may be required. Otherwise, the operator will be responsible for mitigation costs. The State of Utah will provide technical and procedural guidelines for the conduct of mitigation. Upon Verification from the State of Utah that the required mitigation has been completed, the operator will then be allowed to resume construction.
- d. Threatened and Endangered Species Concerns:
 - i. An approved contractor will submit the appropriate reports as required. Special Stipulations will be included in the COA's of the approved APD.
- e. Wildlife Seasonal Restrictions: Current wildlife restrictions and closure dates are specified in the BLM's Environment Impact Statement.

13. The Drilling Program is attached: See Exhibit "E".

14. Lessee's or Operator's Representatives and Certification:

a. Permitting and Compliance:

Kyla Vaughan
Regulatory Compliance
XTO Energy Inc.
2700 Farmington Avenue, Bldg K, Ste 1
Farmington, NM 87401
505-324-1090

b. Drilling and Completions:

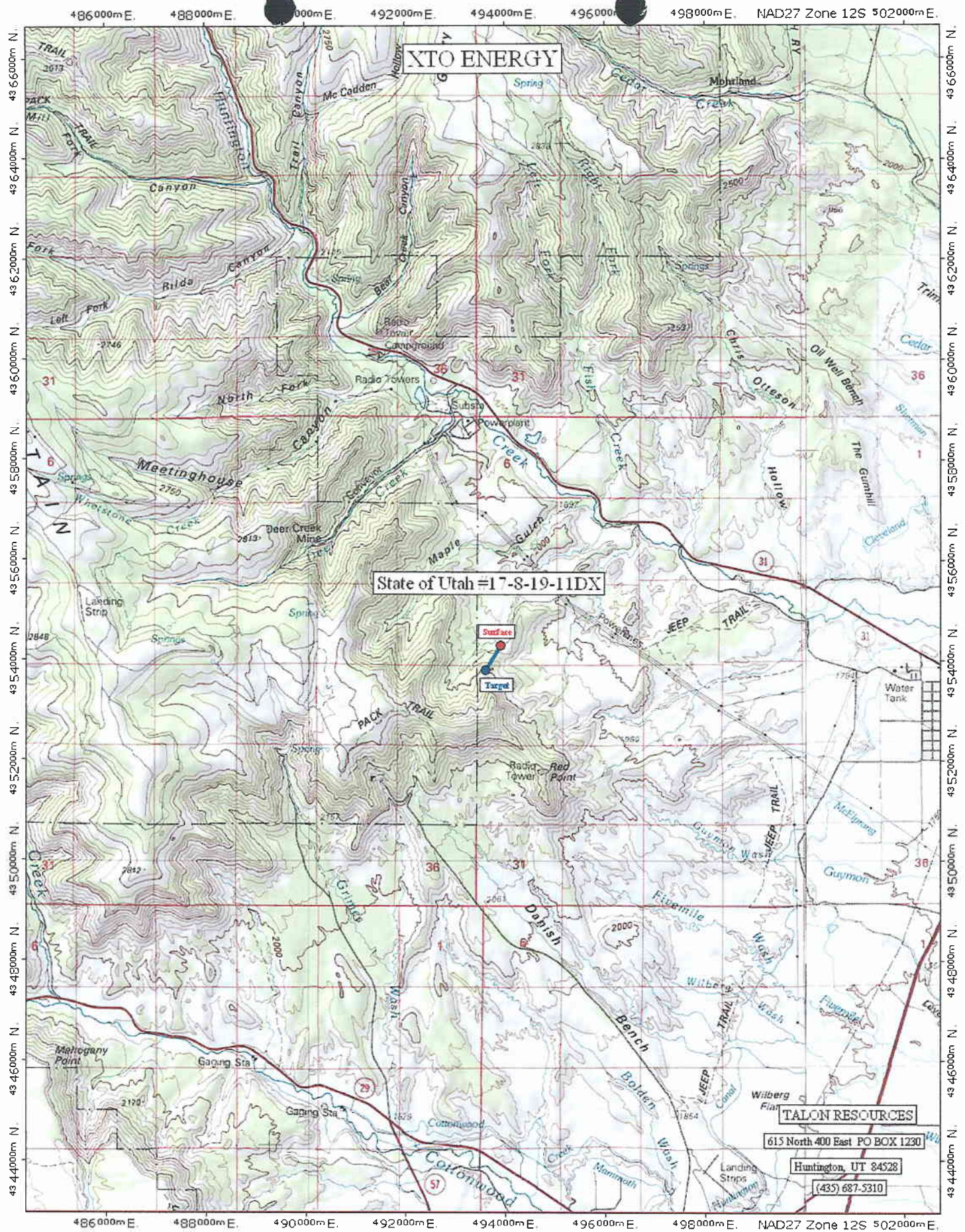
John Egelston
XTO Energy Inc.
2700 Farmington Avenue, Bldg K, Ste 1
Farmington, NM 87401
505-324-1090

c. Certification:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this APD package are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by XTO Energy Inc. and its contractors and subcontractors in conformity with this APD package and the terms and conditions under which it is approved. I also certify responsibility for the operations conducted on that portion of the leased lands associated with this application, with bond coverage being provided by XTO Energy Inc. This statement is subject to provisions of 18 U.S.C. § 1001 for the filing of a false statement.

Signature: _____

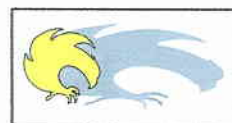
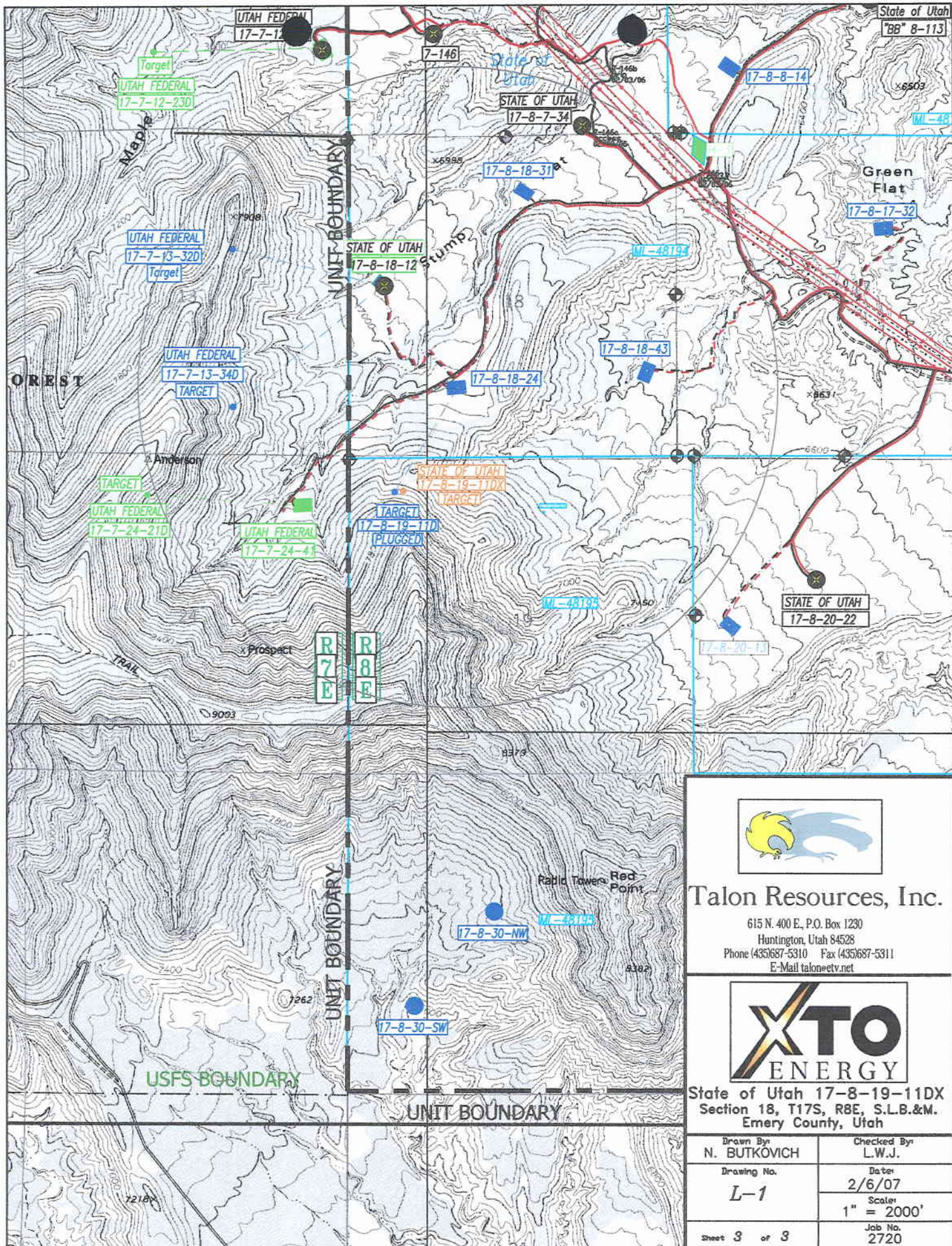

Kyla Vaughan



TN*
12 1/2°

0 0.5 1.0 1.5 2.0 2.5 3.0 3.5 miles
0 1 2 3 4 5 km

Map created with TOPO!® ©2003 National Geographic (www.nationalgeographic.com/topo)



Talon Resources, Inc.

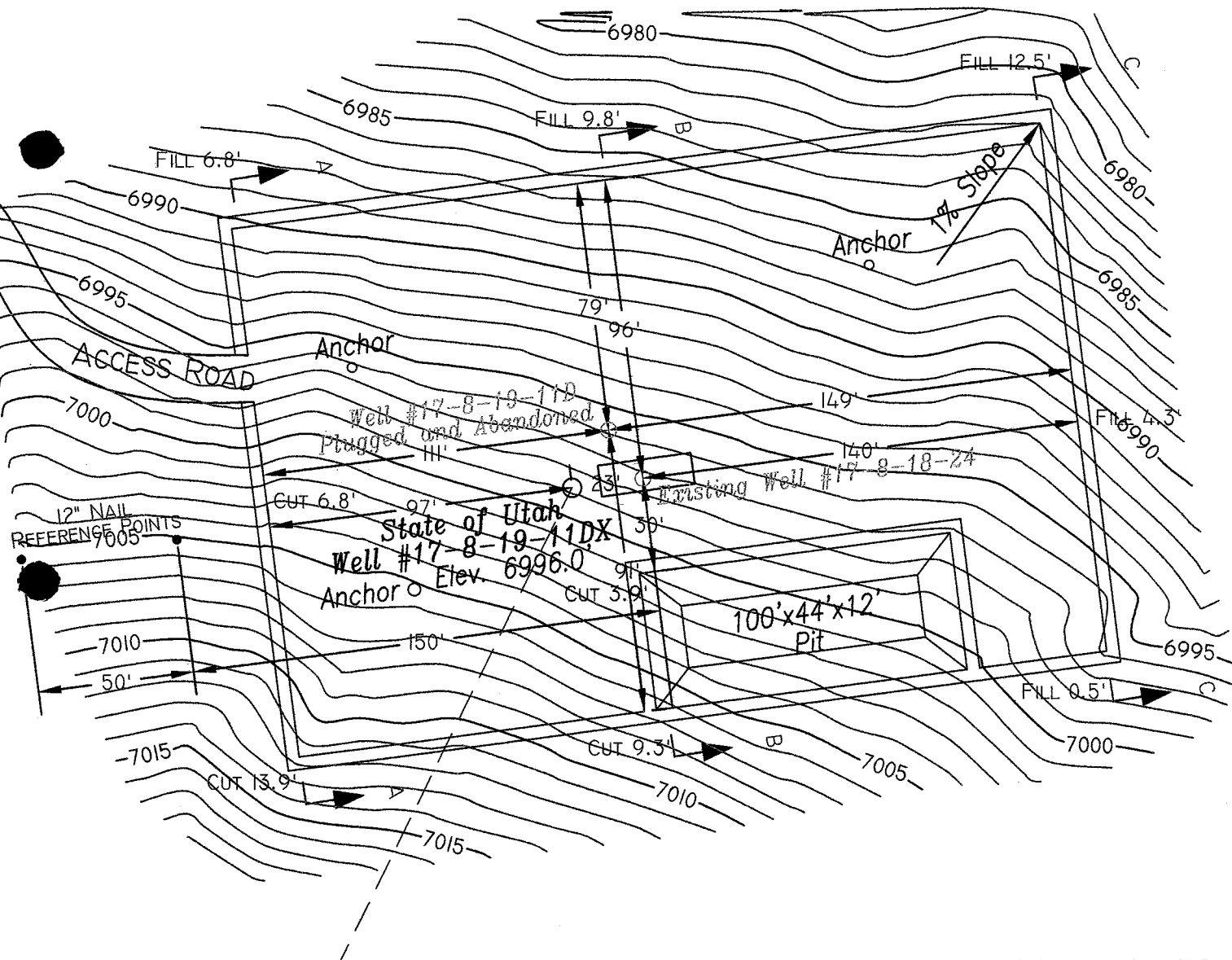
615 N. 400 E., P.O. Box 1230
Huntington, Utah 84528
Phone (435)687-5310 Fax (435)687-5311
E-Mail taloneetv.net



State of Utah 17-8-19-11DX
Section 18, T17S, R8E, S.L.B.&M.
Emery County, Utah

Drawn By: N. BUTKOVICH	Checked By: L.W.J.
Drawing No. L-1	Date: 2/6/07
	Scale: 1" = 2000'
Sheet 3 of 3	Job No. 2720

NOTE: THIS WELL PAD LOCATION HAS BEEN BUILT.
THE LOCATION STAKE ELEVATION REFLECTS THE ASBUILT ELEVATION.



Talon Resources, Inc.

615 North 400 East P.O. Box 1230

Huntington, Utah 84528

Phone (435)687-5310 Fax (435)687-5311

E-Mail taloneetv.net



LOCATION LAYOUT
Section 18, T17S, R8E, S.L.B.&M.
State of Utah #17-8-19-11DX

Drawn By: N. BUTKOVICH	Checked By: L.W.J.
Drawing No. A-2	Date: 2/6/07
	Scale: 1" = 50'
Sheet 2 of 3	Job No. 2720

XTO Energy, Inc.

State of Utah 17-8-19-11DX

Drilling Data for APD

March 21, 2007

Surface Location: 1142' FSL & 1736' FWL, Sec. 18, T17S, R8E

Bottomhole Location: 550' FNL & 900' FWL, Sec. 19, T17S, R8E

Proposed TD: 4850'

Approximate Elevation: 6996'

Objective: Ferron Coal

KB Elevation: 7008'

1. Mud Program:

Interval	0'-300'	300'-4850'
Hole Size	14.75"	8.75"
Mud Type	Air/Mist	Air/LSND/Gel Chemical
Weight	N/A	8.4-8.6
Viscosity	N/A	45-60
Water Loss	N/A	8-10

- a. Air drill to TD with produced water unless excessive water flow is encountered then switch to water based mud. If mud is required, use fibrous materials as needed to control seepage and lost circulation. Pump high viscosity sweeps as needed for hole cleaning. Raise viscosity at TD for logging. Reduce viscosity after logging for cementing.
- b. The blooie line will be approximately 100' in length and will extend in a straight line from below the rotating head as indicated in the BOP schematic. An automatic spark-type igniter will be fixed to the end of the blooie line and set to provide a continuous spark to ignite and burn any produced hydrocarbons and/or gasses.
- c. If necessary, de-dusting will be accomplished with a small pump, waterline, and spray nipple positioned near the end of the blooie line to provide a continuous spray of water.
- d. Sufficient mud materials will be stored on location to maintain well control and combat lost circulation problems that might reasonably be expected.
- e. The BOP system will be consistent with API RP53 and Onshore Oil & Gas Order No. 2. Pressure tests of the surface casing and all BOP equipment subject to pressure will be conducted before drilling the casing shoe. Blowout preventer controls will be installed prior to drilling the surface casing shoe and will remain in use until the well is completed or abandoned. Ram preventers shall be inspected and operated daily. Annular preventers shall be inspected and operated

weekly to ensure good mechanical working order. The inspections and tests shall be recorded in the drilling log and daily drilling report. See the attached BOP and choke manifold schematic.

2. Casing Program:

- a. Surface Casing set @ 300' in a 14.75" hole.

11.75, 47 #/ft, J-55, ST&C, (11.000" ID, 10.844" Drift)					
Collapse Press	Burst Press	Joint Strength	SF Collapse	SF Burst	SF Tension
1510	3070	477	11.260	22.880	33.830

- b. Production Casing set @ 4850' in a 8.75" hole.

5.5", 15.5 #/ft, J-55, ST&C (4.950" I.D., 4.825" Drift)					
Collapse Press	Burst Press	Joint Strength	SF Collapse	SF Burst	SF Tension
4040	4810	202	1.86	2.220	2.690

Safety Factors based on vertical wellbore conditions with hydrostatic of fresh water with no backup used to calculate burst and collapse. Tension based on hanging weight in air.

3. Well Heads:

- a. Casing Head: Larkin Fig 92 (or equivalent), 13-3/8" nominal, 3,000 psig WP (6,000 psig test) with 11-3/4" 8rnd thread on bottom and 13-3/8" Flange. NU BOP and choke manifold (see attached schematic). Stack to consist of drilling spool with choke and kill lines, double rams with pipe rams on top, blind rams on bottom. Use cold water and test BOP to 250 psi low and 1,000 psi high. Record all tests on the IADC report. Inspect accumulator and closing unit to ensure that pre-charge pressures and oil levels are within API Specifications and report same on IADC report.
- b. Tubing Head: Larkin Fig 612 (or equivalent), 5,000 psig WP (5,000 psig test), 5 1/2" SOW (or API 8 rnd female thread) on bottom, 7 1/16" 5,000 psig flange on top with two 3" LPOs.

4. Cement Program:

- a. Surface: 240 sx of Type V cement (or equivalent) containing 1% CaCl, 1/4 pps Flocele, and 10% Cal_Seal mixed at 14.2 ppg and 1.61 ft³/sk.
- i. Slurry Volume is 390 ft³, 200% excess of calculated annular volume to 300'.

b. Production:

- i. The production casing will be cemented using 2 (lead and tail) cement slurries. The lead cement (filler grade) volume will be calculated based on a maximum achievable top assuming formation pressure of 1,000 psi at the shoe. The tail cement will be calculated from TD to 300' above the Upper Ferron Sandstone as indicated on the formation tops table.
- ii. Lead Cement: 121 sx of CBM Light Weight Cement with 10 pps Gilsonite and $\frac{1}{4}$ pps celloflake mixed at 10.5 ppg and 4.15 ft³/sk.
- iii. Tail Cement: 159 sx of CBM Light Weight Cement with 10 pps Gilsonite and $\frac{1}{4}$ pps celloflake mixed at 13.5 ppg and 1.81 ft³/sk.
- iv. Slurry volume is 788 ft³, 40% excess of calculated annular volume to 1,000 psi hydrostatic over formation pressure.

5. Logging Program

- a. Mud logger: An unmanned logging unit may come on after surface pipe is set and, if so, will remain until TD. The mud will potentially be logged in 10' intervals.
- b. Run Array Induction (if wet), compensated neutron, density, GR, caliper, SP (if wet), and Pe from TD to the bottom of the surface casing.

6. Formation Tops:

Formation	Well Depth
Top of Upper Ferron SS	4352
Top of Coal Zone	4417
Top of Lower Ferron SS	4552
Total Depth	4850

- a. No known oil zones will be penetrated.
- b. Gas bearing sandstones and coals will be penetrated from 4352' to 4850'.
- c. No known fresh water zones will be penetrated. The gas bearing sandstones and coals may contain in-situ water.
- d. No known mineral zones will be penetrated.

e. Any prospectively valuable minerals and all fresh water zones encountered during drill will be recorded, cased, and cemented. If possible, water flow rates will be measured and samples will be taken and analyzed with the results being submitted to the appropriate agency.

f. TVD's of formations are shown on directional plan.

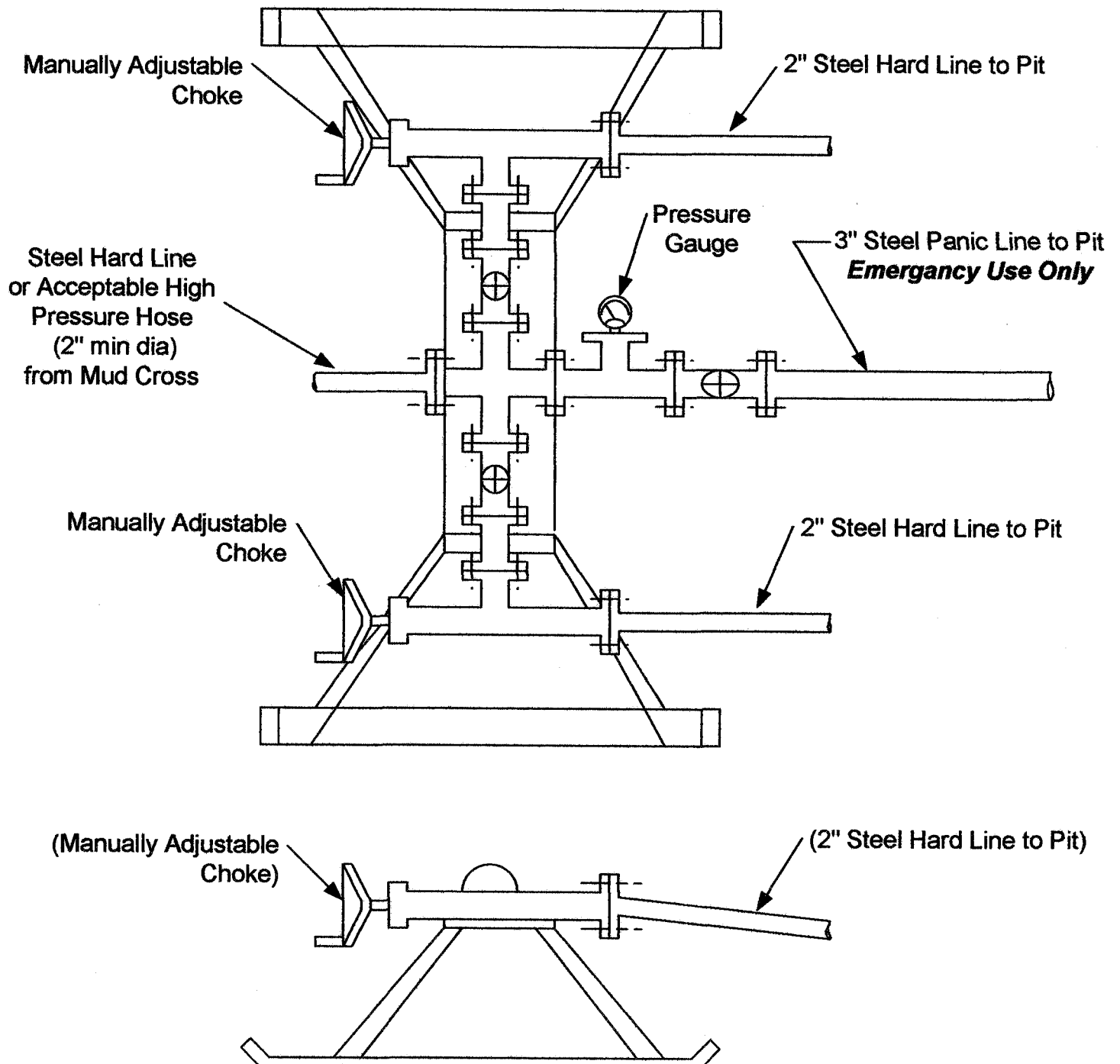
7. Company Personnel:

Name	Title	Office Phone	Mobile Phone
John Egelston	Drilling Engineer	505.564.6734	505.330.6902
Jerry Lacy	Drilling Superintendent	505.566.7914	505.320.6543
Joshua Stark	Project Geologist	817.885.2240	817.565.7158
Leonard West	Reservoir Engineer	817.855.2800	

CHOKES MANIFOLD SCHEMATIC FOR DRILLING OPERATIONS CLASS 1 (2M) NORMAL PRESSURE

1. Stake all lines from choke manifold to pit.
2. Pressure test choke manifold after installation.
3. Pressure test manifold at the same time with the BOP Stack. Test manifold to the same test pressures.

TESTING PROCEDURE



BOP SCHEMATIC FOR DRILLING OPERATIONS CLASS 1 (2M) NORMAL PRESSURE

TESTING PROCEDURE

1. Test BOP after installation:

Pressure test BOP to 200-300
psig (low pressure) for 10 min.

Test BOP to Working Press or
to 70% internal yield of surf csg
(10 min) or which ever is less.

2. Test operation of (both) rams
on every trip.

3. Check and record Accumulator
pressure on every tour.

4. Re-pressure test BOP stack after
changing out rams.

5. Have kelly cock valve with handle available.

6. Have safety valve and subs to fit all sizes of
drill string on the rig floor and ready to go.

ROTATING HEAD
(OPTIONAL)

FILL UP LINE

FLOW LINE
TO PIT

PIPE
RAMS

BLIND
RAMS

KILL LINE
2" dia min.

TO CHOKE
MANIFOLD
2" dia min.

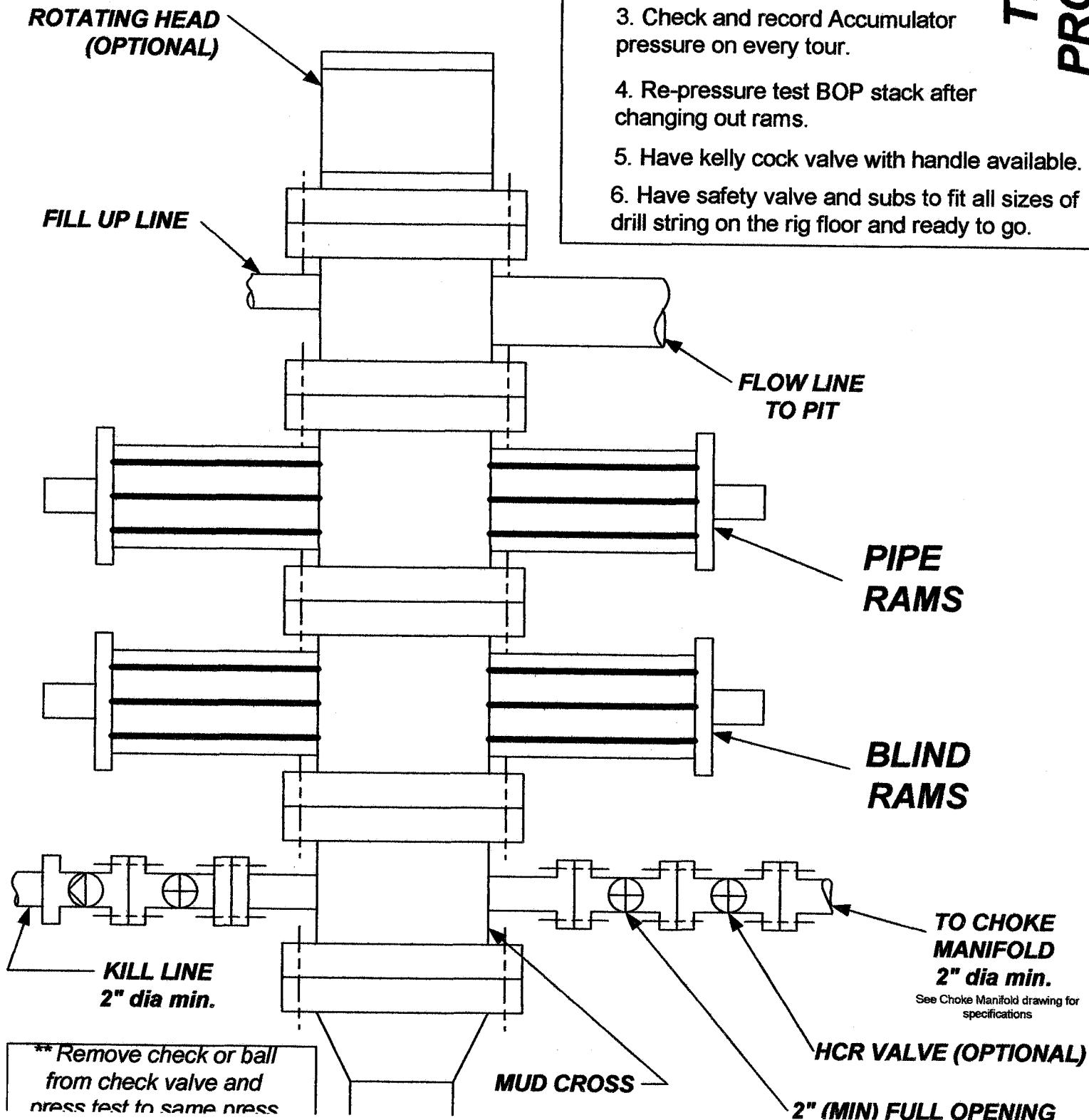
See Choke Manifold drawing for
specifications

HCR VALVE (OPTIONAL)

2" (MIN) FULL OPENING

MUD CROSS

** Remove check or ball
from check valve and
press test to same press



XTO Energy

Utah Wells

State of Utah 17-8-19-11DX

State of Utah 17-8-19-11DX

State of Utah 17-8-19-11DX

Plan: Revised Drilling Plan

Standard Planning Report

20 February, 2007

XTO Energy, Inc.
Planning Report

Database: EDM 2003.14 Single User Db
Company: XTO Energy
Project: Utah Wells
Site: State of Utah 17-8-19-11DX
Well: State of Utah 17-8-19-11DX
Wellbore: State of Utah 17-8-19-11DX
Design: Revised Drilling Plan

Local Co-ordinate Reference: Well State of Utah 17-8-19-11DX
TVD Reference: Rig KB @ 7008.0ft (Pat #779)
MD Reference: Rig KB @ 7008.0ft (Pat #779)
North Reference: True
Survey Calculation Method: Minimum Curvature

Project	Utah Wells, Emery Co. & Carbon Co., Utah, Ferron Coal Wells		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		Using Well Reference Point
Map Zone:	Utah Central Zone		

Site	State of Utah 17-8-19-11DX, T17S, R8E		
Site Position:		Northing:	6,928,574.20 ft
From:	Lat/Long	Easting:	1,761,838.44 ft
Position Uncertainty:	0.0 ft	Slot Radius:	"
		Latitude:	39° 20' 23.528 N
		Longitude:	111° 4' 14.445 W
		Grid Convergence:	0.28 °

Well	State of Utah 17-8-19-11DX, Ferron Coal S-Well		
Well Position	+N-S	0.0 ft	Northing: 6,928,574.20 ft
	+E-W	0.0 ft	Easting: 1,761,838.44 ft
Position Uncertainty	0.0 ft	Wellhead Elevation:	6,996.0 ft
		Latitude:	39° 20' 23.528 N
		Longitude:	111° 4' 14.445 W
		Ground Level:	6,996.0 ft

Wellbore	State of Utah 17-8-19-11DX				
Magnetics	Model Name	Sample Date	Declination	Dip Angle	Field Strength
			(°)	(°)	(nT)
	IGRF200510	2/20/2007	12.12	65.11	52,163

Design	Revised Drilling Plan			
Audit Notes:				
Version:	Phase:	PROTOTYPE	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD)	+N-S	+E-W	Direction
	(ft)	(ft)	(ft)	(°)
	0.0	0.0	0.0	205.90

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N-S (ft)	+E-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
300.0	0.00	0.00	300.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,476.2	41.17	205.90	1,377.6	-364.0	-176.8	3.50	3.50	0.00	205.90	
3,129.8	41.17	205.90	2,622.4	-1,343.2	-652.2	0.00	0.00	0.00	0.00	
4,306.0	0.00	0.00	3,700.0	-1,707.3	-829.0	3.50	-3.50	0.00	180.00	State of Utah 17-8-19
4,856.0	0.00	0.00	4,250.0	-1,707.3	-829.0	0.00	0.00	0.00	0.00	

XTO Energy, Inc.

Planning Report

Database: EDM 2003.14 Single User Db
Company: XTO Energy
Project: Utah Wells
Site: State of Utah 17-8-19-11DX
Well: State of Utah 17-8-19-11DX
Wellbore: State of Utah 17-8-19-11DX
Design: Revised Drilling Plan

Local Co-ordinate Reference:
TVD Reference:
MD Reference:
North Reference:
Survey Calculation Method:

Well State of Utah 17-8-19-11DX
 Rig KB @ 7008.0ft (Pat #779)
 Rig KB @ 7008.0ft (Pat #779)
 True
 Minimum Curvature

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
11 3/4"									
400.0	3.50	205.90	399.9	-2.7	-1.3	3.1	3.50	3.50	0.00
500.0	7.00	205.90	499.5	-11.0	-5.3	12.2	3.50	3.50	0.00
600.0	10.50	205.90	598.3	-24.7	-12.0	27.4	3.50	3.50	0.00
700.0	14.00	205.90	696.0	-43.7	-21.2	48.6	3.50	3.50	0.00
800.0	17.50	205.90	792.3	-68.2	-33.1	75.8	3.50	3.50	0.00
900.0	21.00	205.90	886.7	-97.8	-47.5	108.7	3.50	3.50	0.00
1,000.0	24.50	205.90	978.9	-132.6	-64.4	147.4	3.50	3.50	0.00
1,100.0	28.00	205.90	1,068.5	-172.4	-83.7	191.6	3.50	3.50	0.00
1,200.0	31.50	205.90	1,155.3	-217.0	-105.4	241.2	3.50	3.50	0.00
1,300.0	35.00	205.90	1,239.0	-266.3	-129.3	296.1	3.50	3.50	0.00
1,400.0	38.50	205.90	1,319.1	-320.1	-155.4	355.9	3.50	3.50	0.00
1,476.2	41.17	205.90	1,377.6	-364.0	-176.8	404.7	3.50	3.50	0.00
1,500.0	41.17	205.90	1,395.5	-378.1	-183.6	420.3	0.00	0.00	0.00
1,600.0	41.17	205.90	1,470.8	-437.3	-212.4	486.2	0.00	0.00	0.00
1,700.0	41.17	205.90	1,546.1	-496.6	-241.1	552.0	0.00	0.00	0.00
1,800.0	41.17	205.90	1,621.3	-555.8	-269.9	617.8	0.00	0.00	0.00
1,900.0	41.17	205.90	1,696.6	-615.0	-298.6	683.7	0.00	0.00	0.00
2,000.0	41.17	205.90	1,771.9	-674.2	-327.4	749.5	0.00	0.00	0.00
2,100.0	41.17	205.90	1,847.2	-733.4	-356.1	815.3	0.00	0.00	0.00
2,200.0	41.17	205.90	1,922.4	-792.6	-384.9	881.1	0.00	0.00	0.00
2,300.0	41.17	205.90	1,997.7	-851.8	-413.6	947.0	0.00	0.00	0.00
2,400.0	41.17	205.90	2,073.0	-911.1	-442.4	1,012.8	0.00	0.00	0.00
2,500.0	41.17	205.90	2,148.3	-970.3	-471.1	1,078.6	0.00	0.00	0.00
2,600.0	41.17	205.90	2,223.6	-1,029.5	-499.9	1,144.4	0.00	0.00	0.00
2,700.0	41.17	205.90	2,298.8	-1,088.7	-528.6	1,210.3	0.00	0.00	0.00
2,800.0	41.17	205.90	2,374.1	-1,147.9	-557.4	1,276.1	0.00	0.00	0.00
2,900.0	41.17	205.90	2,449.4	-1,207.1	-586.1	1,341.9	0.00	0.00	0.00
3,000.0	41.17	205.90	2,524.7	-1,266.4	-614.9	1,407.7	0.00	0.00	0.00
3,100.0	41.17	205.90	2,600.0	-1,325.6	-643.6	1,473.6	0.00	0.00	0.00
3,129.8	41.17	205.90	2,622.4	-1,343.2	-652.2	1,493.2	0.00	0.00	0.00
3,200.0	38.71	205.90	2,676.2	-1,383.8	-671.9	1,538.2	3.50	-3.50	0.00
3,300.0	35.21	205.90	2,756.1	-1,437.8	-698.1	1,598.4	3.50	-3.50	0.00
3,400.0	31.71	205.90	2,839.5	-1,487.4	-722.2	1,653.5	3.50	-3.50	0.00
3,500.0	28.21	205.90	2,926.1	-1,532.3	-744.0	1,703.4	3.50	-3.50	0.00
3,600.0	24.71	205.90	3,015.7	-1,572.4	-763.5	1,748.0	3.50	-3.50	0.00
3,700.0	21.21	205.90	3,107.7	-1,607.5	-780.5	1,787.0	3.50	-3.50	0.00
3,800.0	17.71	205.90	3,202.0	-1,637.5	-795.1	1,820.3	3.50	-3.50	0.00
3,900.0	14.21	205.90	3,298.1	-1,662.2	-807.1	1,847.8	3.50	-3.50	0.00
4,000.0	10.71	205.90	3,395.7	-1,681.6	-816.5	1,869.4	3.50	-3.50	0.00
4,100.0	7.21	205.90	3,494.5	-1,695.6	-823.3	1,884.9	3.50	-3.50	0.00
4,200.0	3.71	205.90	3,594.0	-1,704.2	-827.5	1,894.5	3.50	-3.50	0.00
4,306.0	0.00	0.00	3,700.0	-1,707.3	-829.0	1,897.9	3.50	-3.50	0.00
State of Utah 17-8-19-11DX Revised BHL									
4,352.0	0.00	0.00	3,746.0	-1,707.3	-829.0	1,897.9	0.00	0.00	0.00
Upper Ferron Sandstone									
4,400.0	0.00	0.00	3,794.0	-1,707.3	-829.0	1,897.9	0.00	0.00	0.00
4,417.0	0.00	0.00	3,811.0	-1,707.3	-829.0	1,897.9	0.00	0.00	0.00
Ferron Coal									

XTO Energy, Inc.
Planning Report

Database: EDM 2003.14 Single User Db
Company: XTO Energy
Project: Utah Wells
Site: State of Utah 17-8-19-11DX
Well: State of Utah 17-8-19-11DX
Wellbore: State of Utah 17-8-19-11DX
Design: Revised Drilling Plan

Local Co-ordinate Reference: Well State of Utah 17-8-19-11DX
TVD Reference: Rig KB @ 7008.0ft (Pat #779)
MD Reference: Rig KB @ 7008.0ft (Pat #779)
North Reference: True
Survey Calculation Method: Minimum Curvature

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N-S (ft)	+E-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
4,500.0	0.00	0.00	3,894.0	-1,707.3	-829.0	1,897.9	0.00	0.00	0.00
4,532.0	0.00	0.00	3,926.0	-1,707.3	-829.0	1,897.9	0.00	0.00	0.00
Bottom Ferron Coal									
4,552.0	0.00	0.00	3,946.0	-1,707.3	-829.0	1,897.9	0.00	0.00	0.00
Lower Ferron Sandstone									
4,600.0	0.00	0.00	3,994.0	-1,707.3	-829.0	1,897.9	0.00	0.00	0.00
4,700.0	0.00	0.00	4,094.0	-1,707.3	-829.0	1,897.9	0.00	0.00	0.00
4,800.0	0.00	0.00	4,194.0	-1,707.3	-829.0	1,897.9	0.00	0.00	0.00
4,850.0	0.00	0.00	4,244.0	-1,707.3	-829.0	1,897.9	0.00	0.00	0.00
5 1/2"									
4,856.0	0.00	0.00	4,250.0	-1,707.3	-829.0	1,897.9	0.00	0.00	0.00

Targets

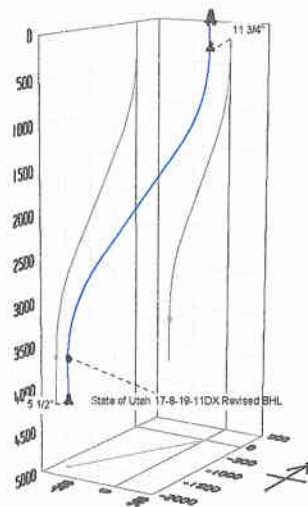
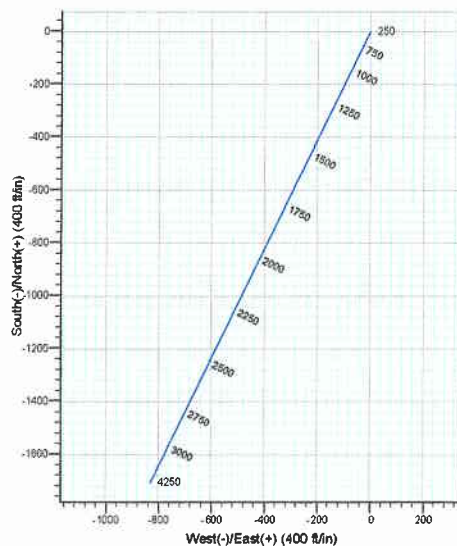
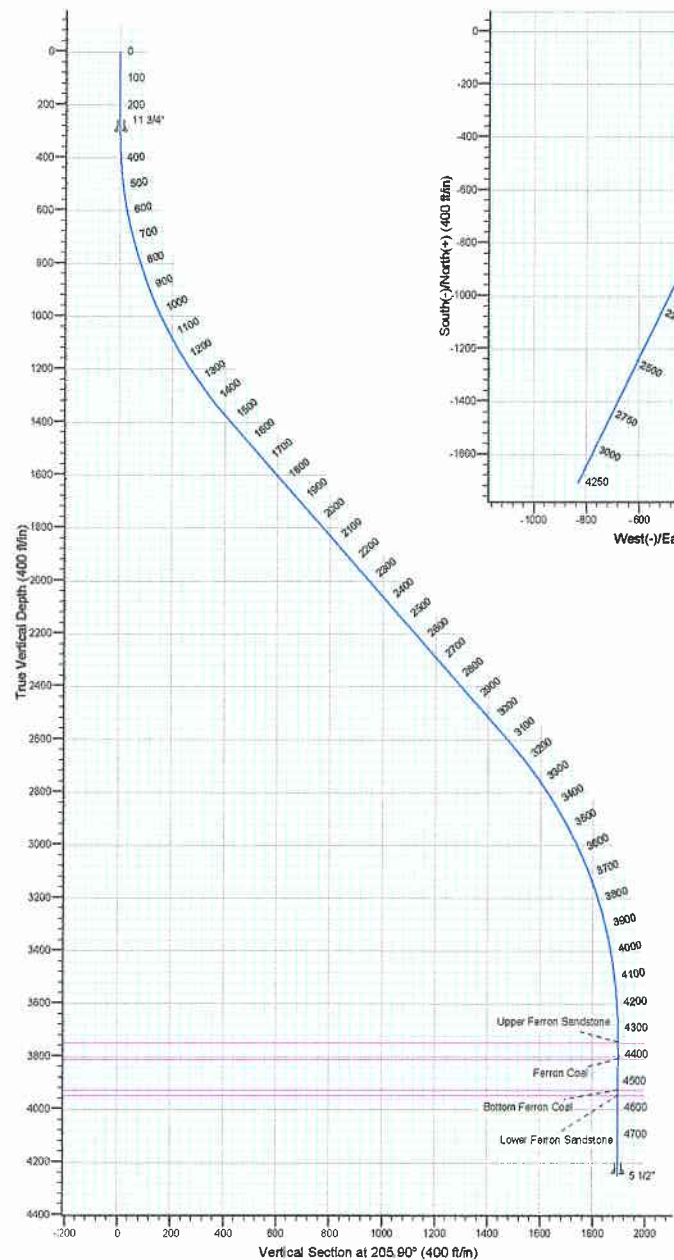
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N-S (ft)	+E-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
- hit/miss target									
- Shape									
State of Utah 17-8-19-11	0.00	0.00	3,700.0	-1,707.3	-829.0	6,926,862.97	1,761,017.68	39° 20' 6.653 N	111° 4' 24.996 W
- plan hits target									
- Circle (radius 20.0)									

Casing Points

Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (")	Hole Diameter (")
300.0	300.0	11 3/4"	11-3/4	14-3/4
4,850.0	4,244.0	5 1/2"	5-1/2	8-3/4

Formations

Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)
4,352.0	3,746.0	Upper Ferron Sandstone	Sandstone	0.00	
4,417.0	3,811.0	Ferron Coal	Coal	0.00	
4,532.0	3,926.0	Bottom Ferron Coal	Coal	0.00	
4,552.0	3,946.0	Lower Ferron Sandstone	Sandstone	0.00	



Well Name: State of Utah 17-8-19-11DX						
Plan Description: S-Well to Vertical by Top of Ferron Coal						
Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape
State of Utah 17-8-19-11DX Revised BHL	3700.0	-1707.3	-829.0	39° 20' 6.653 N	111° 4' 24.998 W	Circle (Radius: 20.0)

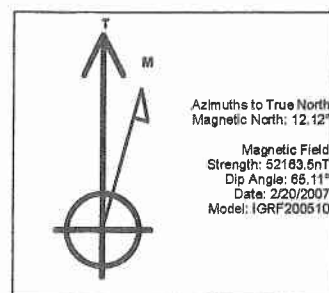
Project: Utah Wells	
Site: State of Utah 17-8-19-11DX	
Well: State of Utah 17-8-19-11DX	
Wellbore: State of Utah 17-8-19-11DX	
Revised Drilling Plan	

FORMATION TOP DETAILS		
TVDPath	MDPath	Formation
3748.0	4352.0	Upper Ferron Sandstone
3811.0	4417.0	Ferron Coal
3928.0	4532.0	Bottom Ferron Coal
3948.0	4552.0	Lower Ferron Sandstone

CASING DETAILS			
TVD	MD	Name	Size
300.0	300.0	11 3/4"	11-3/4
4244.0	4850.0	5 1/2"	5-1/2

PROJECT DETAILS: Utah Wells	
Geodetic System: US State Plane 1983	
Datum: North American Datum 1983	
Ellipsoid: GRS 1980	
Zone: Utah Central Zone	
System Datum: Mean Sea Level	

SECTION DETAILS										
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	300.0	0.00	0.00	300.0	0.0	0.0	0.00	0.00	0.0	
3	1478.2	41.17	205.90	1377.8	-384.0	-178.8	3.50	205.90	404.7	
4	3128.8	41.17	205.90	2822.4	-1343.2	-852.2	0.00	0.00	1493.2	
5	54308.0	0.00	0.00	3700.0	-1707.3	-829.0	3.50	180.00	1897.9	State of Utah 17-8-19-11DX Revised BHL
6	64858.0	0.00	0.00	4250.0	-1707.3	-829.0	0.00	0.00	1897.9	



WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 03/26/2007

API NO. ASSIGNED: 43-015-30708

WELL NAME: ST OF UT 17-8-19-11 DX
OPERATOR: XTO ENERGY INC (N2615)
CONTACT: KYLA VAUGHAN

PHONE NUMBER: 505-324-1090

PROPOSED LOCATION:

SESW 18 070S 080E
SURFACE: 1142 FSL 1736 FWL
BOTTOM: 0550 FNL 0900 FWL NWNW
COUNTY: EMERY
LATITUDE: 39.33959 LONGITUDE: -111.0706
UTM SURF EASTINGS: 493914 NORTHINGS: 4354255
FIELD NAME: BUZZARD BENCH (132)

RIG SKID

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering	DKD	4/9/07
Geology		
Surface		

LEASE TYPE: 3 - State
LEASE NUMBER: ML-48195
SURFACE OWNER: 3 - State

PROPOSED FORMATION: FRSD
COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

☒ Plat
☒ Bond: Fed[] Ind[] Sta[] Fee[]
(No. 104312762)
☒ Potash (Y/N)
☒ Oil Shale 190-5 (B) or 190-3 or 190-13
☒ Water Permit
(No. MUNICIPAL)
☒ RDCC Review (Y/N)
(Date:)
☒ Fee Surf Agreement (Y/N)
☒ Intent to Commingle (Y/N)

LOCATION AND SITING:

____ R649-2-3.
Unit: HUNTINGTON CBM OK
____ R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells
____ R649-3-3. Exception
☒ Drilling Unit
Board Cause No: 245-2
Eff Date: 4-25-01
Siting: 400' to underlying & minimum 100' to
☒ R649-3-11. Directional Drill

COMMENTS:

Post 9-19-06

STIPULATIONS:

1- STATEMENT OF BASIS

UTAH FED 17-7-12-43
UTAH FED 17-7-12-24D

ST OF UT 17-8-8-14

T17S R7E T17S R8E

ST OF UT
17-8-7-34

ST OF UT
17-8-18-31

HUNTINGTON CBM UNIT BUZZARD BENCH FIELD

CAUSE: 245-2 / 4-25-2001

ST OF UT
17-8-18-12

18

ST OF UT 17-8-18-43
ST OF UT "AA" 18-15-4

ST OF UT 17-8-19-11DX
(RIGSKID)
ST OF UT 17-8-18-24
ST OF UT 17-8-19-11D (P&D)

ST OF UT
17-8-18-14

BHL
17-8-19-11DX
(RIGSKID)

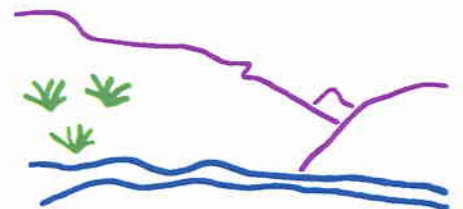
OPERATOR: XTO ENERGY INC (N2615)

SEC: 18 T.17S R. 8E

FIELD: BUZZARD BENCH (132)

COUNTY: EMERY

CAUSE: 245-2 / 4-25-2001



Utah Oil Gas and Mining

Field Status
ABANDONED
ACTIVE
COMBINED
INACTIVE
PROPOSED
STORAGE
TERMINATED

Unit Status
EXPLORATORY
GAS STORAGE
NF PP OIL
NF SECONDARY
PENDING
PI OIL
PP GAS
PP GEOTHERML
PP OIL
SECONDARY
TERMINATED

Wells Status
GAS INJECTION
GAS STORAGE
LOCATION ABANDONED
NEW LOCATION
PLUGGED & ABANDONED
PRODUCING GAS
PRODUCING OIL
SHUT-IN GAS
SHUT-IN OIL
TEMP. ABANDONED
TEST WELL
WATER INJECTION
WATER SUPPLY
WATER DISPOSAL
DRILLING



PREPARED BY: DIANA MASON
DATE: 30-MARCH-2007

Application for Permit to Drill

Statement of Basis

4/9/2007

Utah Division of Oil, Gas and Mining

Page 1

APD No	API WellNo	Status	Well Type	Surf Ownr	CBM
58	43-015-30695-00-00		GW	S	No
Operator	XTO ENERGY INC	Surface Owner-APD			
Well Name	ST OF UT 17-8-19-11D	Unit	HUNTINGTON CBM		
Field	BUZZARD BENCH	Type of Work			
Location	SESW 18 17S 8E S 0 FL 0 FL	GPS Coord (UTM)	493926E 4354261N		

Geologic Statement of Basis

The well will spud into a poorly to moderately permeable soil that is developed on the Upper part of the Blue Gate Member of the Mancos Shale. Local outcrops dip into the Wasatch Plateau at about 50 to the northwest. Although no aquifers with high quality ground water are likely to be encountered, the Lower, Middle and Upper units of the Emery Sandstone could potentially contain an aquifer. The proposed surface casing and cementing program should be extended to contain all three units of the Emery Sandstone to ensure the protection of any unknown ground water resources. A search of the Division of Water Rights records indicates that no water rights have been filed on subsurface water within a mile of the location

Chris Kierst
APD Evaluator

5/8/2006
Date / Time

Surface Statement of Basis

On-site conducted April 27, 2006 for the State of Utah 17-8-18-24. No new construction, or modification to the well pad for the State of Utah 17-8-18-24 will be required to drill the State of Utah 17-8-19-11D, a directional hole off the existing well pad.

In attendance at initial on-site: Bart Kettle (DOGM), Tony Wright (DWR), Ray Trujillo (XTO), Allen Childs (Talon), Ray Peterson (Emery County) and Bedos (Nelsons Construction) invited but choosing not to attend Jim Davis (SITLA), Ed Bonner (SITLA).

DWR comments that the project is located in crucial elk winter range. They are recommending that no drilling or construction activities occur between the dates of Dec. 1 to April 12. DWR recommends that XTO include Black sage into their seed mixture for reclamation.

Bart Kettle
Onsite Evaluator

4/27/2006
Date / Time

Conditions of Approval / Application for Permit to Drill

ON-SITE PREDRILL EVALUATION

Utah Division of Oil, Gas and Mining

Operator XTO ENERGY INC
Well Name ST OF UT 17-8-19-11D
API Number 43-015-30695-0 APD No 58 Field/Unit BUZZARD BENCH
Location: 1/4,1/4 SESW Sec 18 Tw 17S Rng 8E 0 FL 0 FL
GPS Coord (UTM) Surface Owner

Participants

Regional/Local Setting & Topography

Surface Use Plan

Current Surface Use

New Road

Miles	Well Pad Width	Length	Src Const Material	Surface Formation
-------	-------------------	--------	--------------------	-------------------

Ancillary Facilities

Waste Management Plan Adequate?

Environmental Parameters

Affected Floodplains and/or Wetland

Flora / Fauna

Soil Type and Characteristics

Erosion Issues

Sedimentation Issues

Site Stability Issues

Drainage Diversion Required

Berm Required?

Erosion Sedimentation Control Required?

Paleo Survey Run?	Paleo Potential Observed?	Cultural Survey Run?	Cultural Resources?
-------------------	---------------------------	----------------------	---------------------

Reserve Pit

Site-Specific Factors**Site Ranking**

Distance to Groundwater (feet)
Distance to Surface Water (feet)
Dist. Nearest Municipal Well (ft)
Distance to Other Wells (feet)
Native Soil Type
Fluid Type
Drill Cuttings
Annual Precipitation (inches)
Affected Populations
Presence Nearby Utility Conduits

Final Score**Sensitivity Level****Characteristics / Requirements****Closed Loop Mud Required?****Liner Required?****Liner Thickness****Pit Underlayment Required?****Other Observations / Comments**

Bart Kettle
Evaluator

4/27/2006
Date / Time

Casing Schematic

Surface

11-3/4"
MW 8.4
Frac 19.3

TOC @ Mancos
0.

Surface
300. MD
300. TVD

w/186 wo

BOP

BHD = 1900 PSI

MAASP = 964 psi

2M DOPE proposed ✓

Max press. @ shoe (gas grad.) = 1426 psi

MAX Allowed press. @ shoe = 300 psi
assuming 1 psi/ft frac grad.

✓ Adequate DKO 4/9/07

TOC @
2655.

✓ w/128 wo

4352' Upper Ferron SS

4417' Coal zone

4552' Lower Ferron SS

5-1/2"
MW 8.6

Production
4856. MD
4250. TVD

Well name:

2007-04 XTO St of Ut 17-8-19-11DX

Operator: **XTO Energy Inc.**

String type: Surface

Project ID:

43-015-30708

Location: Emery County

Design parameters:**Collapse**Mud weight: 8.400 ppg
Design is based on evacuated pipe.**Minimum design factors:****Collapse:**

Design factor 1.125

Burst:

Design factor 1.00

Environment:H2S considered? No
Surface temperature: 65 °F
Bottom hole temperature: 69 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 250 ft

Cement top: Surface

BurstMax anticipated surface pressure: 264 psi
Internal gradient: 0.120 psi/ft
Calculated BHP 300 psi

No backup mud specified.

Tension:8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)Tension is based on buoyed weight.
Neutral point: 263 ft**Non-directional string.****Re subsequent strings:**Next setting depth: 4,250 ft
Next mud weight: 8.600 ppg
Next setting BHP: 1,899 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 300 ft
Injection pressure: 300 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	300	11.75	47.00	J-55	ST&C	300	300	10.875	198

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	131	1510	11.535	300	3070	10.23	12	477	38.64 J

Prepared by: Dustin K. Doucet
Div of Oil, Gas & MineralsPhone: 801-538-5281
FAX: 801-359-3940Date: April 9, 2007
Salt Lake City, Utah**Remarks:**

Collapse is based on a vertical depth of 300 ft, a mud weight of 8.4 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Well name:

2007-04 XTO St of Ut 17-8-19-11DX

Operator: **XTO Energy Inc.**

String type: Production

Project ID:

43-015-30708

Location: Emery County

Design parameters:**Collapse**Mud weight: 8.600 ppg
Design is based on evacuated pipe.**Minimum design factors:****Collapse:**

Design factor 1.125

Burst:

Design factor 1.00

Environment:H2S considered? No
Surface temperature: 65 °F
Bottom hole temperature: 124 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,500 ft

Cement top: 2,655 ft

BurstMax anticipated surface pressure: 964 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 1,899 psi

No backup mud specified.

Tension:8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)**Directional well information:**Kick-off point 350 ft
Departure at shoe: 1898 ft
Maximum dogleg: 3.5 °/100ft
Inclination at shoe: 0 °

Tension is based on buoyed weight.

Neutral point: 4,302 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	4856	5.5	15.50	J-55	ST&C	4250	4856	4.825	649
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	1899	4040	2.128 ✓	1899	4810	2.53 ✓	57	202	3.53 J ✓

Prepared by: Dustin K. Doucet
Div of Oil, Gas & MineralsPhone: 801-538-5281
FAX: 810-359-3940Date: April 9, 2007
Salt Lake City, Utah**Remarks:**

Collapse is based on a vertical depth of 4250 ft, a mud weight of 8.6 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Collapse strength is (biaxially) derated for doglegs in directional wells by multiplying the tensile stress by the cross section area to calculate a

Engineering responsibility for use of this design will be that of the purchaser.



State of Utah

**Department of
Natural Resources**

MICHAEL R. STYLER
Executive Director

**Division of
Oil, Gas & Mining**

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

April 9, 2007

XTO Energy, Inc.
2700 Farmington Ave, Bldg K, Ste. 1
Farmington, NM 87401

Re: State of Utah 17-8-19-11DX Well, 1142' FSL, 1736' FWL, SE SW, Sec. 18,
T. 17 South, R. 8 East, Bottom Location 550' FNL, 900' FWL, NW NW,
Sec. 19, T. 17 South, R. 8 East, Emery County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-015-30708.

Sincerely,

A handwritten signature in black ink, appearing to read "Gil Hunt".

Gil Hunt
Associate Director

pab
Enclosures

cc: Emery County Assessor
SITLA

Operator: XTO Energy, Inc.
Well Name & Number State of Utah 17-8-19-11DX
API Number: 43-015-30708
Lease: ML-48195

Location: SE SW Sec. 18 T. 17 South R. 8 East
Bottom Location: NW NW Sec. 19 T. 17 South R. 8 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

The operator is required to notify the Division of Oil, Gas and Mining of the following action during drilling of this well:

- 24 hours prior to cementing or testing casing – contact Dan Jarvis
- 24 hours prior to testing blowout prevention equipment – contact Dan Jarvis
- 24 hours prior to spudding the well – contact Carol Daniels
- Within 24 hours of any emergency changes made to the approved drilling program – contact Dustin Doucet
- Prior to commencing operations to plug and abandon the well – contact Dan Jarvis

The operator is required to get approval from the Division of Oil, Gas and Mining before performing any of the following actions during the drilling of this well:

- Plugging and abandonment or significant plug back of this well – contact Dustin Doucet
- Any changes to the approved drilling plan – contact Dustin Doucet

The following are Division of Oil, Gas and Mining contacts and their telephone numbers (please leave a voice mail message if the person is not available to take the call):

- Dan Jarvis at: (801) 538-5338 office
(801) 942-0873 home
- Carol Daniels at: (801) 538-5284 office
- Dustin Doucet at: (801) 538-5281 office
(801) 733-0983 home

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

Page 2
43-015-30708
April 9, 2007

4. In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.
5. Compliance with the State of Utah Antiquities Act forbids disturbance of archeological, historical, or paleontological remains. Should archeological, historical or paleontological remains be encountered during your operations, you are required to immediately suspend all operations and immediately inform the Trust Lands Administration and the Division of State History of the discovery of such remains.
6. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 6

ENTITY ACTION FORM

Operator: XTO ENERGY INC. Operator Account Number: N 2615
Address: 2700 FARMINGTON AVE K #1
city FARMINGTON
state NM zip 87401 Phone Number: (505) 324-1090

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4301530708	STATE OF UTAH 17-8-19-11DX		NW	18	17S	8E	EMERY
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
<i>A</i>	<i>99999</i>	<i>16248</i>	<i>7/5/2007</i>		<i>7/23/07</i>		
Comments: <i>FRSD BHL = Sec 19 NWNW</i>							

Well 2

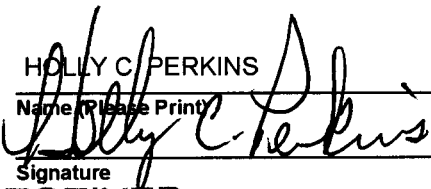
API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
Comments:							

Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
Comments:							

ACTION CODES:

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)


 HOLLY C. PERKINS
 Name (Please Print)
 Signature
RECEIVED
 Regulatory Compliance Tech
 Title
 JUL 11 2007
 Date

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

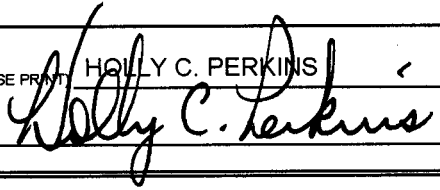
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-48195
2. NAME OF OPERATOR: XTO ENERGY INC.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 2700 Farmington Ave. CITY Farmington STATE NM ZIP 87401		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: 550' FNL & 900' FWL SURF: 1142 FSL 1736 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNW 18 17S 8E 6		8. WELL NAME and NUMBER: (RIS-SHA) STATE OF UTAH 17-8-9-11DX
PHONE NUMBER: (505) 324-1090		9. API NUMBER: 4301530708
		10. FIELD AND POOL, OR WILDCAT: FERRON SANDSTONE
		COUNTY: EMERY
		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 7/5/2007	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: SPUD WELL
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

XTO Energy Inc. spudded 30" conductor hole on 7/3/2007. Drilled to depth of 73' & set 2 jts 20" conductor casing @ 73' w/6 cu yds (+/- 150 sx) Redimix cement. Drilled 14-3/4" surface hole to 343'. Set 8 jts 11-3/4" surf csg @ 340' w/200 sx Class A cmt. Circ 8 bbls good cmt.

Continuing to drill

NAME (PLEASE PRINT) HOLLY C. PERKINS	TITLE Regulatory Compliance
SIGNATURE 	DATE 7/24/2007

(This space for State use only)

RECEIVED
JUL 27 2007
DIV. OF OIL, GAS & MINING

From: <Holly_Perkins@xtoenergy.com>
To: <caroldaniels@utah.gov>
Date: 8/13/2007 8:38 AM
Subject: State of Utah 17-8-19-11DX Spud Date

RECEIVED
AUG 13 2007

The correct spud date, according to our drilling reports, is 7/2/2007

DIV. OF OIL, GAS & MINING

The 17-8-19-11 spudded 11/21/06. The we skidded the rig & spudded the 11DX on 7/2/2007. "Sorry for the confusion on this one.

Holly C. Perkins
Regulatory Compliance Tech
XTO Energy Inc.
2700 Farmington, Suite K-1
Farmington, NM 87401
(505) 564-6720

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-48915
2. NAME OF OPERATOR: XTO ENERGY INC.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 382 CR 3100 CITY AZTEC STATE NM ZIP 87410		7. UNIT or CA AGREEMENT NAME:
PHONE NUMBER: (505) 333-3100		8. WELL NAME and NUMBER: STATE OF UTAH 177-8-19-11DX
9. API NUMBER: 4301530708		10. FIELD AND POOL, OR WILDCAT: FERRON SS

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 1142' FSL & 1736' FWL

COUNTY: EMERY

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SESW 18 17S 08E

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/RESUME) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input checked="" type="checkbox"/> OTHER: OCT 2007 MONTHLY REPORT
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 10/4/2007			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Attached is XTO Energy's monthly rpt for the period of 8/1/2007 to 10/4/2007.

NAME (PLEASE PRINT) HOLLY C. PERKINS TITLE REGULATORY COMPLIANCE TECH
SIGNATURE Holly C Perkins DATE 10/5/2007

(This space for State use only)

RECEIVED
OCT 09 2007
DIV. OF OIL, GAS & MINING

EMERY**STATE OF UTAH 17-8-19-11DX**

LOCATION: SESW, Sec 18, T17S, R8E

CONTRACTOR: Frontier, 1

WI %:

AFE#: 710869

API#: 43015307080000

DATE FIRST RPT: 7/6/2007

DATE: 7/6/2007

OPERATION: RU/Empty Reserve & Reline

DFS: 3.42 Footage Made:

Measured Depth:

MW: VISC:

WOB: RPM:

DMC: CMC:

DWC: 98,750.00 CWC: 98,750.00

TIME DIST: (12.00) Load out Rig & Start Move. (14.00) Moving Stack Equip. to Drill Conductor. (10.00) Drill Conductor. (3.00) Drill Conductor. (3.00) Run & Cam't. Conductor. (2.00) Drill R/M Holes. (5.00) RU. (11.00) Wait On Daylight to Rig Up. (3.00) Wait on Trucks. (21.00) RU, July 6th. 06:00.

DATE: 7/7/2007

OPERATION: Waiting on Clean Up of Reserve Pit

DFS: 4.42 Footage Made:

Measured Depth:

MW: VISC:

WOB: RPM:

DMC: CMC:

DWC: 25,630.00 CWC: 124,380.00

TIME DIST: (24.00) Wait On Reserve Pit Repairs, to Spud Well, RU.

DATE: 7/8/2007

OPERATION: Cleaning Up Reserve Pit

DFS: 5.42 Footage Made:

Measured Depth:

MW: VISC:

WOB: RPM:

DMC: CMC:

DWC: 46,150.00 CWC: 170,530.00

TIME DIST: (12.00) WO new reserve pit liner, Work on Blooie Line. (12.00) WO new reserve pit liner.

DATE: 7/9/2007

OPERATION: Drill 14 3/4 Surface

DFS: 6.42 Footage Made: 83

Measured Depth: 165

MW: 8.4 VISC: 28

WOB: 20 RPM: 60

DMC: CMC:

DWC: 80,295.00 CWC: 250,825.00

TIME DIST: (12.00) WO Reserve Pit, "Build Blooie Line, Finish Cleaning & Line Reserve Pit". (1.50) PU Directional Tools, "BHA". (4.50) Wait On Water In Reserve Pit. (2.00) RU Lines to Circ. from Conductor to Reserve Pit. (4.00) Drill 82' - 165'.

DATE: 7/10/2007

OPERATION: RU to Cement

DFS: 7.42 Footage Made: 178

Measured Depth: 343

MW: 8.4 VISC: 29

WOB: 20 RPM: 60

DMC: CMC:

DWC: 93,721.00 CWC: 344,546.00

TIME DIST: (2.00) Drill 165' - 182'. (4.50) Drill 182' - 343'. (1.50) Circ. & Clean Hole w/Poly. Sweeps. (0.50) Service Rig. (2.00) Short Trip, Work Tight Spots. (1.50) Circulate. (3.50) Circulate. (2.00) TOH, LD 8"DC's, Dir. Tools, MWD, MM, Etc.. (4.00) Wait On Tongs. (1.00) Run Csg, "Run 8jts. of 11 3/4csg. Set @ 340'". (1.50) RD Csg. Crew & Circulate.

DATE: 7/11/2007

OPERATION: Testing BOPE

DFS: 8.42 Footage Made: 0

Measured Depth: 343

MW: 8.6 VISC: 36

WOB: 20 RPM: 60

DMC: 1,685.14 CMC: 1,685.14

DWC: 90,118.00 CWC: 434,664.00

TIME DIST: (1.00) RU Halliburton, "S/M". (1.00) Cem't "w/Halliburton Circ. 8bbbs of good cement to Surface". (0.50) RD Halliburton. (0.50) Service Rig. (5.00) WOC. (4.00) Cut Casing & Install Wellhead. (2.00) Install Wellhead. (2.00) NUBOPE. (8.00) Test BOP "Work on Pipe Rams".

DATE: 7/12/2007

OPERATION: Drill/Slide
DFS: 9.42 **Footage Made:** 200 **Measured Depth:** 543
MW: 8.6 **VISC:** 36
WOB: 5 **RPM:** 55
DMC: 5,018.32 **CMC:** 6,703.46 **DWC:** 66,506.21 **CWC:** 501,170.21
TIME DIST: (5.50) Test BOPE. (1.00) Make Up Directional Tools. (1.00) TIH, Tag Cement @ 295'. (3.00) Drill Cement, Float, & Shoe. (0.50) TOH. (0.50) Service Rig. (0.50) Orient MWD. (0.50) Orient MWD. (1.50) LDDP/PUHWDP. (1.50) Drill Cement & to 350'. (1.50) RU Air Jammer Equip.. (7.00) Drill/Slide 350' - 543'.

DATE: 7/13/2007
OPERATION: Drill/Slide
DFS: 10.42 **Footage Made:** 1,020 **Measured Depth:** 1,563
MW: 8.6 **VISC:** 34
WOB: 5 **RPM:** 55
DMC: 7,373.74 **CMC:** 14,077.20 **DWC:** 55,200.00 **CWC:** 556,370.21
TIME DIST: (2.50) Drill/Slide 543' - 652'. (0.50) Service Rig. (8.50) Drill/Slide 652' - 1150'. (0.50) Survey 1066' 23.06" Azi. deg. 182". (11.50) Drill/Slide 1150' - 1563'. (0.50) Survey 1447' 36.63" Azi. deg. 189.49".

DATE: 7/14/2007
OPERATION: RU Wireline Specialty
DFS: 11.42 **Footage Made:** 414 **Measured Depth:** 1,977
MW: 8.5 **VISC:** 34
WOB: 5 **RPM:** 55
DMC: **CMC:** 14,077.20 **DWC:** 43,000.00 **CWC:** 599,370.21
TIME DIST: (3.00) Drill/Slide 1563' - 1690'. (0.50) Air Compressor Fuel Problem. (3.00) Drill/Slide 1690' - 1818'. (0.50) Service Rig. (4.50) Drill/Slide 1818' - 1977'. (0.50) Survey @ 1892' 44.46" Azi. 198. (0.50) Work pipe, Work on Air, "Circ.water". (11.50) Work Stuck Pipe.

DATE: 7/15/2007
OPERATION: Jarring On Fish
DFS: 12.42 **Footage Made:** 0 **Measured Depth:** 1,977
MW: 8.5 **VISC:** 34
WOB: **RPM:**
DMC: 3,394.74 **CMC:** 17,471.94 **DWC:** 59,450.00 **CWC:** 658,820.21
TIME DIST: (1.00) WO Wireline. (2.50) Wireline Freepoint, "Back Off". (1.50) TOH for Fishing Tools. (1.00) PU Fishing Tools. (0.50) TIH. (5.00) Fishing, "Latch on & Jar on Fish". (0.50) Service Rig. (0.50) Back Off Fish, "Wireline Back Off". (2.00) Trip Out. (0.50) Lay Down HWDP. (2.00) TIH & PU 17jts. DP. (7.00) Fishing, "Jarring on Fish".

DATE: 7/16/2007
OPERATION: Trip w/washover pipe
DFS: 13.42 **Footage Made:** 0 **Measured Depth:** 1,977
MW: 8.5 **VISC:** 37
WOB: **RPM:**
DMC: 6,836.26 **CMC:** 24,308.20 **DWC:** 58,840.00 **CWC:** 717,660.21
TIME DIST: (11.50) Fishing, "Jarring on Fish". (0.50) Service Rig. (1.00) Fishing, "Jarring on Fish". (2.00) Cut off drilling line 256'. (2.00) Fishing, "Jarring on Fish". (1.00) RU Wireline & Back off Fish. (1.00) TOH. (2.00) Fishing PU washover pipe. (1.00) TIH, Tag @ 540', std. back collars run HWDP. (1.50) TIH, Tag @ 540'. (0.50) TOH, "LD 1jt. of W/Pipe".

DATE: 7/17/2007
OPERATION: Jarring on Fish
DFS: 14.42 **Footage Made:** 0 **Measured Depth:** 1,977
MW: 8.5 **VISC:** 37
WOB: **RPM:**
DMC: 11,004.73 **CMC:** 35,312.93 **DWC:** 49,870.00 **CWC:** 767,530.21
TIME DIST: (4.00) Trips, "TIH Tight @ 540', TOH. LD W/Pipe, TIH". (7.50) Fishing, "Jarring up & down on fish". (0.50) Service Rig. (12.00) Fishing, "Jarring up & down on fish".

DATE: 7/18/2007
OPERATION: Drill/Slide
DFS: 15.42 **Footage Made:** 107 **Measured Depth:** 2,084
MW: 8.5 **VISC:** 38
WOB: 25 **RPM:** 90
DMC: 3,938.58 **CMC:** 39,251.51 **DWC:** 50,180.00 **CWC:** 817,710.21

TIME DIST: (5.50) Fishing, "Jarring up & Down". (1.50) Trip Out, LD Tools. (0.50) Service Rig. (2.50) Trip, PU Tools, LDDC's & 27jts.DP. (1.00) Wait On Tools. (4.00) Wait On Tools. (2.00) Trip, PU 21jts. HWDP & Trip In. (0.50) Ream, Tag Bridge @ 1,650'. Ream 15'. (0.50) Trip In to 1850'. (1.50) Ream 127', Tag Bottom @ 1977'. (0.50) Condition Mud & Circ. Bottoms Up. (4.00) Drill/Slide 1977' - 2084'.

DATE: 7/19/2007

OPERATION: Drill/Slide

DFS: 16.42 **Footage Made:** 576 **Measured Depth:** 2,660

MW: 8.5 **VISC:** 39

WOB: 8 **RPM:** 90

DMC: 9,129.83 **CMC:** 48,381.34 **DWC:** 50,570.00 **CWC:** 868,280.21

TIME DIST: (2.50) Drill Actual "Drill/Slide" 2084' - 2180'. (1.00) Work Tight Hole. (3.50) Drill Actual "Drill/Slide" 2180' - 2350'. (0.50) Deviation Survey. (3.50) Work Tight Hole. (0.50) Service Rig. (0.50) Circulate. (2.50) Drill Actual "Drill/Slide" 2350' - 2466'. (1.00) Work Pipe Low to No Returns. (0.50) Deviation Survey. (8.00) Drill Actual "Drill/Slide" 2466' - 2660'.

DATE: 7/20/2007

OPERATION: TOH for Drill Jars

DFS: 17.42 **Footage Made:** 634 **Measured Depth:** 3,294

MW: 8.5 **VISC:** 32

WOB: 8 **RPM:** 90

DMC: 5,857.17 **CMC:** 54,238.51 **DWC:** 45,660.00 **CWC:** 913,940.21

TIME DIST: (5.50) Drill Actual 2660' - 2848'. (0.50) Service Rig. (5.50) Drill Actual 2,848' - 3,039'. (0.50) Dev. Survey. (9.00) Drill Actual 3039' - 3294'. (1.50) Circulate. (1.00) Fill Hole, "Hole Did Not Fill". (0.50) Dev. Survey.

DATE: 7/21/2007

OPERATION: Drill/Slide

DFS: 18.42 **Footage Made:** 413 **Measured Depth:** 3,707

MW: 8.5 **VISC:** 39

WOB: 6 **RPM:** 90

DMC: 8,427.52 **CMC:** 62,666.03 **DWC:** 49,810.00 **CWC:** 963,750.21

TIME DIST: (1.50) TOH. (0.50) XO Bit & PU Jars. (1.00) TIH. (0.50) Break Circulation "w/Air". (1.00) TIH. (1.50) Ream 60' to bottom. (2.00) Drill Actual 3294' - 3354'. (0.50) Service Rig. (3.00) Drill Actual 3354' - 3,450'. (0.50) Survey. (11.50) Drill Actual 3,450' - 3,707'. (0.50) Survey.

DATE: 7/22/2007

OPERATION: Drill/Slide

DFS: 19.42 **Footage Made:** 293 **Measured Depth:** 4,000

MW: 8.5 **VISC:** 40

WOB: 6 **RPM:** 90

DMC: 5,168.87 **CMC:** 67,834.90 **DWC:** 42,200.00 **CWC:** 1,005,950.21

TIME DIST: (1.00) Drill Actual 3707' - 3739', survey. (2.00) Drill Actual 3739' - 3802', survey. (2.50) Drill Actual 3802' - 3866', survey. (2.00) Drill Actual 3866' - 3907', survey. (1.00) Work pipe, get circulation back. (0.50) Drill Actual 3907' - 3930', survey. (0.50) Service Rig. (2.00) Drill Actual 3930' - 3,993'. (0.50) Deviation Survey. (1.00) Drill Actual 3993' - 4,000'. (1.00) Work Stuck Pipe. (1.50) Circulate bottoms up fill hole. (2.50) Trip out shuffle pipe, "Move HWDP Up". (2.50) Trip in ream 40'. (3.00) Circulate & condition mud. (0.50) Deviation Survey.

DATE: 7/23/2007

OPERATION: Drill/Slide

DFS: 20.42 **Footage Made:** 373 **Measured Depth:** 4,373

MW: 8.6 **VISC:** 39

WOB: 6 **RPM:** 90

DMC: 2,387.54 **CMC:** 70,222.44 **DWC:** 41,900.00 **CWC:** 1,047,850.21

TIME DIST: (1.50) Drill Actual 4000' - 4055'. (3.00) Drill Actual 4055' - 4119'. (3.00) Drill Actual 4119' - 4182'. (0.50) Service Rig. (3.50) Drill Actual 4,182' - 4246'. (0.50) Deviation Survey. (11.50) Drill 4246' - 4,373'. (0.50) Deviation Survey.

DATE: 7/24/2007

OPERATION: Drill/Slide

DFS: 21.42 **Footage Made:** 240 **Measured Depth:** 4,613

MW: 8.8 **VISC:** 42

WOB: 6 **RPM:** 90

DMC: 16,834.20 CMC: 87,056.64 DWC: 46,990.00 CWC: 1,094,840.21
TIME DIST: (8.00) Drill Actual 4373' - 4457'. (0.50) Deviation Survey. (1.50) Circulate. (2.00) Drill Actual 4,457' - 4501'. (1.50) Circulate.
(1.50) Trip Out, "Pull 8 stds. to Repack Swivel". (0.50) XO Swivel Packing. (1.00) Trip In "8stds". (1.50) Circ.. (5.50) Drill
Actual 4501' - 4,613'. (0.50) Deviation Survey.

DATE: 7/25/2007
OPERATION: LDDP
DFS: 22.42 Footage Made: 157 Measured Depth: 4,760
MW: 8.8 VISC: 39
WOB: 6 RPM: 90
DMC: 3,112.24 CMC: 90,168.88 DWC: 52,720.00 CWC: 1,147,560.21
TIME DIST: (1.00) Drill Actual 4613' - 4629', Survey. (6.50) Drill Actual 4629' - 4760', TD@4760'. (2.00) Circulate/Condition Hole. (2.50)
Circ./Cond. Work Tight Hole. (12.00) Short Trip, Work Tight Hole.

DATE: 7/26/2007
OPERATION: Rig Down To Move
DFS: 23.42 Footage Made: 0 Measured Depth: 4,760
MW: VISC:
WOB: 6 RPM: 90
DMC: CMC: 90,168.88 DWC: 116,513.00 CWC: 1,264,073.21
TIME DIST: (4.50) LDDP, HWDP, & Tools. (4.50) RU & Run Casing "Set @ 4712' ". (2.00) Circulate & RU Halliburton. (1.00) Cement.
"Plug Down @ 6:15pm. No Returns". (2.00) Nipple Down & Set Slips. (4.00) Clean Pits "Rig Released @ 12:00midnight".
(6.00) Rig Down.

Farmington Well Workover Report

STATE OF UTAH		Well # 17-8-19-11DX	FERRON
Objective:	Drill & Complete		
First Report:	07/26/2007		
AFE:	710869		
7/26/07	Wellview has all the drilling detail and accumulated cost.		
8/14/07	Cont rpt for AFE #710869 to D&C Ferron Coal. MIRU Schlumberger WL w/mast tk. Run GR/CCL/RST Sigma mode fr/4,647' - 4,000'. Run GR/CCL/RST Carbon Oxygen IC mode fr/4,647' - 4,000' & GR/CCL/CBL fr/4,647' - 1,876' fr/surf. Log showed excl cmt bond fr/4,647' to 4,368', gd cmt bond fr/4,368' to 3,400', gd to fr cmt bond fr/3,400' to 3,050' & fr to pr fr/3,050' to TOC @ 2,775'. LD logging tls. RDMO WL. Susp rpts to further activity.		
8/29/07	Cont rpt for AFE # 710869 to D & C Ferron Coal. 8-14-07 - 8-29-07. NU frac vlv. Set & fill 10 - 500bbl frac tanks w/FW. MIRU Big Red Hot Oil svc. PT csg, WH & frac vlv to 5000 psig for 30". Tstd OK. RDMO Big Red. Susp rpts to further activity.		
9/12/07	SICP 0 psig. Cont rpt for AFE # 710869 to D & C Ferron Coal. 8-29-07 - 9-12-07. MIRU JW WLU. RIH w/4" Slick Csg Guns. Perf L/Ferron Coal w/3 JSPF & 120 deg ph @ 4,318' - 4,322', 4,351', 4,355' & 4,374' - 4,378' (Titan EXP-3323-322T chrgs, 22.7 gm, .41" dia, 36 holes, 12'). All dpts correlated fr/Shlumburger RST-IC log ran on 8-13-07. POH & LD csg gun. RDMO JW WLU. SWI. SDFN.		
9/13/07	SICP 35 psig. MIRU JW WLU. RIH w/dump blr & sptd 10 gals 28 % HCL ac @ 4,374'. POH & LD dump blr. RD WLU. MIRU Halliburton frac crew. A. L/Ferron Coal perfs fr/4,318' - 4,378' dwn 5-1/2" csg w/1310 gals 15% HCL ac @ 10 BPM & 1,680 psig. Caught press immediately. Form BD @ 20 bpm & 2,950 psig. Frac L/Ferron Coal perfs fr/4,318' - 4,378' w/19,545 gals frac G 20# slickwater, 49,336 gals 20# Delta 140 frac fld carrying 53,200 lbs 20/40 Brady sd, & 72,200 lbs 16/30 Brady sd. Frac Gradient 0.82. Flshd w/4,209 gals 20# Linear Gel, 0.5 bbls short. Sd Conc 0.3 - 5.0 ppg. All sd coated w/sd wedge NT. ISIP 1,665 psig, 5" SIP 1,440 psig, 10" 1,277 psig, 15" 1,155 psig, ATP 2,245 psig. AIR 40.7 bpm. Max TP 2,943 psig. Max IR 44.0 bpm. Max sd conc 5.0 ppg. 1,771 BLWTR (L/Ferron). RD Halliburton. RU JW WLU. RIH & set 5-1/2" CBP @ 4,290'. POH w/ WL. Press tst CBP to 2,000 psig for 5". Tstd OK. RIH w/4" slick Csg Gun. Perf U/Ferron Coal w/3 JSPF 120 deg ph @ 4,212, 4,217' & 4,228' - 4,231', (Titan EXP-3323-322T chrgs, 22.7 gm, .41" dia, 24 holes, 8'). All dpts correlated fr/Shlumburger RST-IC log ran on 8-13-07. POH & LD csg gun. RDMO JW WLU. SICP 22 psig. Hole full. RU Halliburton frac crew. A. U/Ferron Coal perfs fr/4,212' - 4,231' dwn 5-1/2" csg w/1,018 gals 15% HCL ac @ 10.0 BPM & 1,500 psig. No signifcant BD. Frac U/Ferron Coal perfs fr/4,212' - 4,231' w/13,627 gals frac G 20# slickwater, 34,164 gals 20# Delta 140 frac fld carrying 35,050 lbs 20/40 Brady sd & 49,700 lbs 16/30 Brady sd. Frac Gradient 0.94. Flshd w/4,004 gals 20# Linear Gel, 3 bbls short. Sd Conc .30 - 5.0 ppg. All sd coated w/Sd Wedge NT. ISIP 2,142 psig, 5" SIP 1,773 psig, 10" SIP 1,339 psig, 15" SIP 927 psig AIR 30.5 bpm, ATP 2,003 psig. Max TP 2,580 psig. Max IR 30.91 bpm, Max sd conc 5.0 ppg. 3,028 BLWTR (ttl). RDMO Halliburton. SWI. Susp rpts to further activity.		
9/27/07	Cont rpt for AFE #710869 to restimulate Ferron Coal/sd fr/9-13-07 to 9-27-07. Build up pad arnd WH to support rig. MIRU BHWS Rig #1. SICP 0 psig. ND frac vlv. NU BOP. PU & TIH w/4-3/4" blade bit, SN & 67 jts 2-7/8", 6.5#, J-55, EUE, 8rd tbg. SWI. SDFN. 3,028 BLWTR.		
9/28/07	SITP 0 psig SICP 0 psig. Cont PU & TIH w/58 jts 2-7/8" tbg. Tgd fill @ 4,124'. U/Ferron Coal fr/4,212' - 4,231'. CBP @ 4,290'. RU pwr swivel. Estb circ w/5 BPW. CO fill & DO CBP fr/4,124' - 4,290' w/5 jts tbg. Circ cln. RD pwr swivel. TIH w/9 jts 2-7/8" tbg. Tgd fill @ 4,565'. L/Ferron Coal perfs @ 4,318' - 4,378'. PBTD @ 4,659'. RU pwr swivel. Estb circion w/55 BFW. CO fill fr/4,565' - 4,659' PBTD w/3 jts tbg. Circ well cln. RD pwr swivel. TOH w/7 jts tbg. EOT @ 4,429. RU swb tls. BFL @ surf. S. 0 BO, 47.5 BLW, 3 runs, 1 hr, FFL @ 300' FS. Fld smpls on runs 1-3 showed dirty wtr, no sd. RD swb tls. SICP 0 psig. SWI. SDFN. 3,110 BLWTR. Lost 130 BPW while circ for day.		
Swab	Zone:	Ferron	
	Event Desc:	Swab	
	Swab	Beg	BBLs
		Top Interval: 4,212	Bottom Interval: 4,378

Time	Runs	FL	Rec	Comments
4:35:00 PM	1	0	28	BFL @ surf.
4:55:00 PM	1	300	13	
5:15:00 PM	1	300	8	
		Ttl Bbls:	48.5	

9/29/07 SITP 0 psig SICP 0 psig. Ferron perfs @ 4,212' - 4,378'. EOT @ 4,429'. RU swb tls. BFL @ 300' FS. S. 0 BO, 193 BLW, 21 runs, 6.5 hrs, FFL @ 1,300' FS. Fld smpls on all run showed dirty wtr w/tr sd. RD swb tls. SICP 0 psig. TIH w/7 jts 2-7/8" tbg. Tgd 15' of fill @ 4,644'. TOH w/7 jts 2-7/8" tbg. EOT @ 4,429'. SWI. SDFWE. 2,917 BLWTR.

Swab Zone: Ferron
Event Desc: Swab Top Interval: 4,212 Bottom Interval: 4,378

Time	Runs	Beg FL	BBLS Rec	Comments
7:45:00 AM	1	300	10	
2:00:00 PM	18	600	183	
2:15:00 PM	1	1,300	10	
		Ttl Bbls:	203	

10/2/07 SITP 0 psig SICP 0 psig. Ferron perfs @ 4,212' - 4,378'. EOT @ 4,429'. RU swb tls. BFL @ 1,100' FS. S. 0 BO, 262 BLW, 24 runs, 7 hrs, FFL @ 1,400' FS. Fld smpls on all run showed dirty wtr w/tr sd. RD swb tls. SICP 155 psig. BD csg. TIH w/7 jts 2-7/8" tbg. Tgd 5' of fill @ 4,639'. TOH w/7 jts 2-7/8" tbg. EOT @ 4,429'. SWI. SDFN. 2,655 BLWTR.

Swab Zone: Ferron
Event Desc: Swab Top Interval: 4,212 Bottom Interval: 4,378

Time	Runs	Beg FL	BBLS Rec	Comments
9:15:00 AM	1	1,100	15	
4:00:00 PM	22	1,200	235	
4:15:00 PM	1	1,400	10	
		Ttl Bbls:	260	

10/3/07 SITP 0 psig SICP 65 psig. Ferron perfs @ 4,212' - 4,378'. EOT @ 4,429'. RU swb tls. BFL @ 1,100' FS. S. 0 BO, 157 BLW, 14 runs, 4 hrs, FFL @ 1,400' FS. Fld smpls on runs 1 - 6 showed cln wtr w/tr sd. Fld smpls on runs 7 - 14 showed cln wtr w/no sd. RD swb tls. SICP 350 psig. BD csg. TIH w/7 jts 2-7/8" tbg. (Note: Tbg cplg's hanging up in WH). Tgd 3' of addl fill (23' ttl fill). TOH w/141 jts 2-7/8" tbg. LD BHA. TIH w/blade bit, blr assy & 140 jts 2-7/8" tbg. CO fill w/1 jt 2-7/8" tbg fr/4,636' - PBTD @ 4,659'. TOH w/141 jts 2-7/8" tbg. LD blr assy & bit. Had gd sd recy in blr. TIH w/Weatherford 5-1/2" Model TS, RBP, retr head, & 20 jts 2-7/8" tbg. Set RBP @ 630'. Loaded csg w/14 BPW. PT RBP to 750 psig for 10". Tstd ok. Rlsd press. TOH w/20 jts 2-7/8" tbg. ND BOP. Beveled top of 5-1/2" csg w/grinder. NU Hydrill. TIH w/ 20 jts 2-7/8" tbg. SWI. SDFN. 2,512 BLWTR.

Swab Zone: Ferron
Event Desc: Swab Top Interval: 4,212 Bottom Interval: 4,378

Time	Runs	Beg FL	BBLS Rec	Comments
8:15:00 AM	1	1,100	14	
11:50:00 AM	12	1,200	129	
12:10:00 PM	1	1,400	14	
		Ttl Bbls:	157	

10/4/07

SITP 0 psig. SICP 0 psig. BD well. TOH w/20 jts 2-7/8" tbg. PU New Centrilift Bolt on Centinel sensor (SN 10370055), new 31 HP, 445 Volt, 45 amp, model FMH motor, (SN 10399915), new motor seal model FSB3 DB H6 SSCV, (SN 10397393), new model 400PSSD, 223 stg, (SN 10397305) pmp & 2-7/8" x 2-3/8" x o sub. TIH w/pmp BHA, 4' x 2-7/8" tbg sub, 2 - jts 2-7/8" tbg, 2-7/8" chk vlv, 2 jts 2-7/8" tbg, 2-7/8" dr sub & 131 jts 2-7/8" tbg. Banding size 4 CPNF cbl to tbg w/2 bands per jt. ND Hydrill BOP. NU WH. Ld tbg in Centrilift WH w/pmp intake @ 4,485', EOP @ 4,502'. Ferron Coal perfs @ 4,212' - 4,378'. PBSD @ 4,659'. SWI. RDMO BHWS rig #1. 2,512 BLWTR. Surface equip not ready.

Tubing

Location: Lower

ZONE 1 Desc: Ferron

Top Perf: 4,212

Btm Perf: 4,378

OH: No

Qty	Type	Description	Cond	Top Depth	Btm Depth	Length
131	Tubing	2-7/8", 6.5#, J-55, EUE, 8rd Tubing	New	14	4,333	4,318.56'
1	manual	2-7/8" Drain Valve	New	4,333	4,333	0.60'
2	Tubing	2-7/8", 6.5#, J-55, EUE, 8rd Tubing	New	4,333	4,399	65.99'
1	manual	2-7/8" Check Valve	New	4,399	4,400	0.60'
2	Tubing	2-7/8", 6.5#, J-55, EUE, 8rd Tubing	New	4,400	4,466	65.99'
1	manual	Pump	New	4,466	4,485	19.50'
1	manual	Motor Seal	New	4,485	4,491	5.70'
1	manual	Motor	New	4,491	4,498	6.89'
1	manual	Sensor	New	4,498	4,502	4.10'
Total						4,487.93'
Landed @						4,487.93'

AMENDED REPORT ☐ FORM 8
(highlight changes)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> OTHER _____						7. UNIT or CA AGREEMENT NAME																																																																																					
b. TYPE OF WORK: NEW WELL <input checked="" type="checkbox"/> HORIZ. LATS <input type="checkbox"/> DEEP-EN <input type="checkbox"/> RE-ENTRY <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER _____						8. WELL NAME and NUMBER: STATE OF UTAH 17-8-19-11DX																																																																																					
2. NAME OF OPERATOR: XTO Energy Inc.						9. API NUMBER: 4301530708																																																																																					
3. ADDRESS OF OPERATOR: 382 CR 3100 CITY AZTEC STATE NM ZIP 87410				PHONE NUMBER: (505) 333-3100		10 FIELD AND POOL, OR WLD CAT FERRON SANDSTONE																																																																																					
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 1142' FNL & 1738' FWL AT TOP PRODUCING INTERVAL REPORTED BELOW: AT TOTAL DEPTH: 550' FNL & 990' FWL						11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNW 18 17S 8E																																																																																					
14. DATE SPUNDED: 7/3/2007						15. DATE T.D. REACHED: 7/25/2007		16. DATE COMPLETED: 10/20/2007		17. ELEVATIONS (DF, RKB, RT, GL):																																																																																	
18. TOTAL DEPTH: MD 4,760 TVD 4118			19. PLUG BACK T.D.: MD 4,659 TVD 4020		20. IF MULTIPLE COMPLETIONS, HOW MANY? *		21. DEPTH BRIDGE MD PLUG SET: TVD		12. COUNTY EMERY		13. STATE UTAH																																																																																
22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each) GR/CCL/CBL/RST-IC						23. WAS WELL CORED? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit analysis) WAS DST RUN? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit report) DIRECTIONAL SURVEY? NO <input checked="" type="checkbox"/> YES <input checked="" type="checkbox"/> (Submit copy)																																																																																					
24. CASING AND LINER RECORD (Report all strings set in well)																																																																																											
<table><tr><td>HOLE SIZE</td><td>SIZE/GRADE</td><td>WEIGHT (#/ft.)</td><td>TOP (MD)</td><td>BOTTOM (MD)</td><td>STAGE CEMENTER DEPTH</td><td>CEMENT TYPE & NO. OF SACKS</td><td>SLURRY VOLUME (BBL)</td><td>CEMENT TOP **</td><td>AMOUNT PULLED</td></tr><tr><td>30"</td><td>19 1/4 J55</td><td>94#</td><td>0</td><td>73</td><td></td><td>RM 150</td><td>0</td><td>SURF</td><td>0</td></tr><tr><td>14 3/4"</td><td>11 3/4 J55</td><td>47#</td><td>0</td><td>340</td><td></td><td>A 200</td><td>0</td><td>SURF</td><td>0</td></tr><tr><td>8 3/4"</td><td>5 1/2 L80</td><td>17#</td><td>0</td><td>4,712</td><td></td><td>III 246</td><td>0</td><td>SURF</td><td>0</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>												HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED	30"	19 1/4 J55	94#	0	73		RM 150	0	SURF	0	14 3/4"	11 3/4 J55	47#	0	340		A 200	0	SURF	0	8 3/4"	5 1/2 L80	17#	0	4,712		III 246	0	SURF	0																																								
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29. ENCLOSED ATTACHMENTS:																																																																																											
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(5/2000)

(CONTINUED ON BACK)

RECEIVED

NOV 16 2007

DIV. OF OIL, GAS & MINING

31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED: 10/20/2007		TEST DATE: 10/20/2007		HOURS TESTED: 24		TEST PRODUCTION RATES: →		OIL – BBL: 0		GAS – MCF: 22		WATER – BBL: 273		PROD. METHOD: PPG	
CHOKE SIZE	TBG PRESS. 60	CSG. PRESS. 666	API GRAVITY 0.66	BTU – GAS 955	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL: 0	GAS – MCF: 22	WATER – BBL: 273	INTERVAL STATUS:					

INTERVAL B (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL C (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL D (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

TO BE SOLD

33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof. Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
				E3MERY SANDSTONE	538
				LOWER BLUEGATE SHALE	1,949
				UPPER FERRON SS	4,174
				LOWER FERRON SS	4,404
				TUNUNK SHALE	4,601

35. ADDITIONAL REMARKS (Include plugging procedure)

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

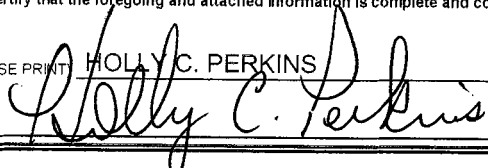
NAME (PLEASE PRINT)

HOLLY C. PERKINS

TITLE

REGULATORY COMPLIANCE TECH

SIGNATURE



DATE

11/14/2007

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

** ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940

XTO Energy

Utah Wells

State of Utah 17-8-19-11DX

State of Utah 17-8-19-11DX

State of Utah 17-8-19-11DX

Survey: As Drilled

Standard Survey Report

25 July, 2007

XTO Energy, Inc.

Survey Report

Company: XTO Energy	Local Co-ordinate Reference: Well State of Utah 17-8-19-11DX
Project: Utah Wells	TVD Reference: Rig KB @ 7008.0ft (Pat #779)
Site: State of Utah 17-8-19-11DX	MD Reference: Rig KB @ 7008.0ft (Pat #779)
Well: State of Utah 17-8-19-11DX	North Reference: True
Wellbore: State of Utah 17-8-19-11DX	Survey Calculation Method: Minimum Curvature
Design: State of Utah 17-8-19-11DX	Database: EDM 2003.14 Single User Db

Project Utah Wells, Emery Co. & Carbon Co., Utah, Ferron Coal Wells		
Map System: US State Plane 1927 (Exact solution)	System Datum: Mean Sea Level	
Geo Datum: NAD 1927 (NADCON CONUS)	Using Well Reference Point	
Map Zone: Utah South 4303		

Site State of Utah 17-8-19-11DX, T17S, R8E			
Site Position:	Northing: 973,782.58 ft	Latitude: 39° 20' 23.528 N	
From: Lat/Long	Easting: 2,121,471.73 ft	Longitude: 111° 4' 14.445 W	
Position Uncertainty: 0.0 ft	Slot Radius: "	Grid Convergence: 0.26 °	

Well State of Utah 17-8-19-11DX, Ferron Coal S-Well			
Well Position	Northing: 973,782.58 ft	Latitude: 39° 20' 23.528 N	
+N/-S 0.0 ft	Easting: 2,121,471.73 ft	Longitude: 111° 4' 14.445 W	
+E/-W 0.0 ft	Wellhead Elevation: 6,996.0 ft	Ground Level: 6,996.0 ft	
Position Uncertainty 0.0 ft			

Wellbore State of Utah 17-8-19-11DX					
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF200510	2/20/2007	12.13	65.11	52,219

Design State of Utah 17-8-19-11DX				
Audit Notes:				
Version: 1.0	Phase: ACTUAL	Tie On Depth: 0.0		
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.0	0.0	0.0	204.08

Survey Program Date 7/25/2007				
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
140.0	4,760.0	As Drilled (State of Utah 17-8-19-11DX)		

Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	
140.0	0.19	308.60	140.0	0.1	-0.2	-0.1	0.14	0.14	0.00	
174.0	0.31	333.36	174.0	0.3	-0.3	-0.1	0.47	0.35	72.82	
205.0	0.25	311.36	205.0	0.4	-0.4	-0.2	0.39	-0.19	-70.97	
236.0	0.38	42.11	236.0	0.5	-0.3	-0.3	1.48	0.42	292.74	
276.0	0.13	295.99	276.0	0.6	-0.3	-0.4	1.09	-0.62	-265.30	
300.0	0.09	255.12	300.0	0.6	-0.3	-0.4	0.36	-0.17	-170.29	
358.0	0.22	185.97	358.0	0.5	-0.4	-0.3	0.36	0.22	-119.22	
449.0	2.81	203.11	449.0	-1.7	-1.3	2.1	2.86	2.85	18.84	
509.0	5.00	202.61	508.8	-5.5	-2.9	6.2	3.65	3.65	-0.83	
570.0	8.69	203.36	569.4	-12.2	-5.7	13.4	6.05	6.05	1.23	
629.0	11.38	199.99	627.5	-21.7	-9.5	23.7	4.66	4.56	-5.71	
689.0	11.94	200.25	686.2	-33.1	-13.6	35.8	0.94	0.93	0.43	

XTO Energy, Inc.

Survey Report

Company: XTO Energy
Project: Utah Wells
Site: State of Utah 17-8-19-11DX
Well: State of Utah 17-8-19-11DX
Wellbore: State of Utah 17-8-19-11DX
Design: State of Utah 17-8-19-11DX

Local Co-ordinate Reference:
TVD Reference: Rig KB @ 7008.0ft (Pat #779)
MD Reference: Rig KB @ 7008.0ft (Pat #779)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.14 Single User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
751.0	13.19	189.74	746.7	-46.1	-17.1	49.1	4.19	2.02	-16.95
813.0	14.44	186.36	807.0	-60.8	-19.1	63.3	2.40	2.02	-5.45
876.0	16.00	184.61	867.7	-77.2	-20.7	78.9	2.58	2.48	-2.78
940.0	17.50	182.86	929.0	-95.6	-21.9	96.2	2.47	2.34	-2.73
1,002.0	21.06	185.49	987.5	-116.0	-23.4	115.5	5.91	5.74	4.24
1,066.0	23.06	182.99	1,046.9	-140.0	-25.2	138.1	3.45	3.12	-3.91
1,131.0	24.63	182.49	1,106.3	-166.3	-26.4	162.6	2.44	2.42	-0.77
1,194.0	28.06	182.36	1,162.8	-194.2	-27.6	188.5	5.45	5.44	-0.21
1,256.0	28.72	184.25	1,217.3	-223.6	-29.3	216.1	1.80	1.06	3.05
1,320.0	29.76	181.96	1,273.1	-254.8	-31.0	245.3	2.39	1.62	-3.58
1,384.0	33.44	184.36	1,327.6	-288.3	-32.9	276.6	6.08	5.75	3.75
1,447.0	36.63	189.49	1,379.2	-324.2	-37.3	311.2	6.89	5.06	8.14
1,510.0	37.88	190.61	1,429.4	-361.7	-43.9	348.2	2.26	1.98	1.78
1,574.0	41.31	195.11	1,478.7	-401.4	-53.1	388.2	6.98	5.36	7.03
1,637.0	43.06	197.24	1,525.4	-442.1	-64.9	430.0	3.59	2.78	3.38
1,701.0	44.19	197.49	1,571.7	-484.2	-78.0	473.9	1.79	1.77	0.39
1,765.0	43.92	200.52	1,617.7	-526.3	-92.5	518.2	3.32	-0.42	4.73
1,828.0	42.52	198.30	1,663.6	-566.9	-106.9	561.2	3.28	-2.22	-3.52
1,892.0	44.46	198.15	1,710.0	-608.8	-120.7	605.0	3.04	3.03	-0.23
1,969.0	44.90	204.18	1,764.8	-659.2	-140.2	659.1	5.53	0.57	7.83
2,033.0	44.95	206.75	1,810.1	-700.0	-159.6	704.2	2.84	0.08	4.02
2,096.0	45.61	209.82	1,854.5	-739.4	-180.8	748.9	3.62	1.05	4.87
2,160.0	44.94	209.99	1,899.5	-778.8	-203.5	794.1	1.06	-1.05	0.27
2,223.0	44.25	208.86	1,944.4	-817.4	-225.2	838.1	1.67	-1.10	-1.79
2,287.0	44.56	211.36	1,990.1	-856.1	-247.7	882.7	2.78	0.48	3.91
2,351.0	43.75	211.36	2,036.0	-894.2	-270.9	926.9	1.27	-1.27	0.00
2,478.0	43.75	213.24	2,127.8	-968.4	-317.8	1,013.8	1.02	0.00	1.48
2,544.0	42.81	212.36	2,175.8	-1,006.4	-342.3	1,058.5	1.69	-1.42	-1.33
2,607.0	42.69	213.49	2,222.1	-1,042.3	-365.6	1,100.8	1.23	-0.19	1.79
2,670.0	42.06	212.11	2,268.6	-1,078.0	-388.6	1,142.7	1.78	-1.00	-2.19
2,734.0	41.13	210.49	2,316.5	-1,114.3	-410.7	1,184.9	2.22	-1.45	-2.53
2,796.0	39.94	210.24	2,363.6	-1,149.1	-431.0	1,224.9	1.94	-1.92	-0.40
2,860.0	39.94	211.61	2,412.7	-1,184.3	-452.1	1,265.7	1.37	0.00	2.14
2,923.0	39.25	207.61	2,461.2	-1,219.2	-472.0	1,305.7	4.19	-1.10	-6.35
2,987.0	38.56	207.99	2,511.0	-1,254.8	-490.7	1,345.8	1.14	-1.08	0.59
3,051.0	35.56	208.99	2,562.1	-1,288.7	-509.1	1,384.2	4.78	-4.69	1.56
3,115.0	34.25	205.99	2,614.6	-1,321.1	-526.0	1,420.8	3.37	-2.05	-4.69
3,178.0	30.13	210.24	2,667.9	-1,350.7	-541.8	1,454.2	7.46	-6.54	6.75
3,242.0	28.81	216.36	2,723.6	-1,377.0	-559.0	1,485.3	5.13	-2.06	9.56
3,302.0	28.44	210.99	2,776.3	-1,400.9	-574.9	1,513.6	4.33	-0.62	-8.95
3,366.0	28.88	212.49	2,832.5	-1,427.0	-591.1	1,544.0	1.32	0.69	2.34
3,430.0	29.06	216.74	2,888.5	-1,452.5	-608.7	1,574.5	3.23	0.28	6.64
3,493.0	28.50	213.36	2,943.7	-1,477.3	-626.1	1,604.2	2.73	-0.89	-5.37
3,557.0	28.63	216.24	2,999.9	-1,502.5	-643.6	1,634.3	2.16	0.20	4.50
3,621.0	28.75	218.49	3,056.0	-1,526.9	-662.2	1,664.2	1.70	0.19	3.52
3,687.0	26.13	217.99	3,114.6	-1,550.8	-681.0	1,693.7	3.98	-3.97	-0.76
3,750.0	26.88	211.11	3,171.0	-1,573.9	-696.9	1,721.3	5.01	1.19	-10.92
3,814.0	26.19	219.24	3,228.3	-1,597.2	-713.4	1,749.3	5.77	-1.08	12.70
3,878.0	21.69	216.61	3,286.8	-1,617.7	-729.3	1,774.5	7.22	-7.03	-4.11
3,941.0	25.31	223.11	3,344.5	-1,636.9	-745.5	1,798.6	7.06	5.75	10.32
4,003.0	26.19	217.86	3,400.4	-1,657.3	-763.0	1,824.4	3.94	1.42	-8.47
4,067.0	24.69	224.61	3,458.2	-1,678.0	-781.0	1,850.6	5.10	-2.34	10.55
4,130.0	24.00	223.36	3,515.6	-1,696.7	-799.1	1,875.1	1.37	-1.10	-1.98
4,194.0	21.63	219.49	3,574.6	-1,715.3	-815.5	1,898.7	4.38	-3.70	-6.05

XTO Energy, Inc.

Survey Report

Company: XTO Energy
Project: Utah Wells
Site: State of Utah 17-8-19-11DX
Well: State of Utah 17-8-19-11DX
Wellbore: State of Utah 17-8-19-11DX
Design: State of Utah 17-8-19-11DX

Local Co-ordinate Reference: Well State of Utah 17-8-19-11DX
TVD Reference: Rig KB @ 7008.0ft (Pat #779)
MD Reference: Rig KB @ 7008.0ft (Pat #779)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.14 Single User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
4,257.0	18.81	202.99	3,633.7	-1,733.6	-826.9	1,920.1	10.05	-4.48	-26.19
4,326.8	17.83	215.71	3,700.0	-1,752.6	-837.5	1,941.8	5.89	-1.40	18.23
State of Utah 17-8-19-11DX Revised BHL									
4,375.1	17.67	225.03	3,746.0	-1,763.8	-847.0	1,955.9	5.89	-0.33	19.30
Upper Ferron SS									
4,385.0	17.69	226.95	3,755.5	-1,765.9	-849.2	1,958.7	5.89	0.22	19.37
4,443.2	17.34	222.33	3,811.0	-1,778.4	-861.5	1,975.1	2.46	-0.60	-7.94
Ferron Coal									
4,449.0	17.31	221.86	3,816.5	-1,779.6	-862.6	1,976.7	2.46	-0.50	-8.10
4,513.0	16.44	212.36	3,877.8	-1,794.4	-873.8	1,994.8	4.51	-1.36	-14.84
4,562.9	12.93	212.09	3,926.0	-1,805.1	-880.6	2,007.3	7.05	-7.05	-0.55
Bottom Ferron Coal									
4,576.0	12.00	211.99	3,938.8	-1,807.5	-882.1	2,010.1	7.05	-7.05	-0.74
4,583.3	12.22	211.99	3,946.0	-1,808.8	-882.9	2,011.6	2.94	2.94	0.00
Lower Ferron SS									
4,640.0	13.88	211.99	4,001.2	-1,819.6	-889.7	2,024.3	2.94	2.94	0.00
4,708.0	14.06	214.06	4,067.2	-1,833.4	-898.6	2,040.5	0.78	0.26	3.04
4,760.0	14.06	214.06	4,117.6	-1,843.9	-905.7	2,052.9	0.00	0.00	0.00

Targets

Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
- hit/miss target									
- Shape									
State of Utah 17-8-19-11	0.00	0.00	3,700.0	-1,707.9	-829.3	972,070.88	2,120,650.27	39° 20' 6.653 N	111° 4' 24.996 W
- survey misses by 43.6ft at 4313.3ft MD (3687.2 TVD, -1749.2 N, -835.2 E)									
- Circle (radius 20.0)									

Formations

Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)
4,375.1	3,746.0	Upper Ferron SS	Sandstone	0.00	
4,443.2	3,811.0	Ferron Coal	Coal	0.00	
4,562.9	3,926.0	Bottom Ferron Coal	Coal	0.00	
4,583.3	3,946.0	Lower Ferron SS	Sandstone	0.00	

Checked By: _____ Approved By: _____ Date: _____

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 6

ENTITY ACTION FORM

Operator: XTO ENERGY INC. Operator Account Number: N 2615
Address: 382 CR 3100
city AZTEC
state NM zip 87410 Phone Number: (505) 333-3100

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4301530708	State of Utah 17-8-19-11DX		SESW	18	17S	8E	Emery
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
C	16248	13161			4/24/08		
Comments: Effective 11-01-2007 <i>FRSD</i> <i>BHL Sec 19 NWNW</i>							

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
Comments:							

Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
Comments:							

ACTION CODES:

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

RECEIVED
APR 24 2008

DOLENA JOHNSON

Name (Please Print)

Dolena C Johnson

Signature

OFFICE CLERK

Title

4/24/2008

Date

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER:
ML-48195

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

8. WELL NAME and NUMBER:
STATE OF UTAH 17-8-19-11DX

9. API NUMBER:
4301530708

10. FIELD AND POOL, OR WILDCAT
FERRON SANDSTONE

1. TYPE OF WELL
OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR
XTO ENERGY INC.

3. ADDRESS OF OPERATOR
382 CR 3100 AZTEC NM 87410

PHONE NUMBER
(505) 333-3100

4. LOCATION OF WELL

FOOTAGES AT SURFACE: **1142' FNL & 1738' FWL**

COUNTY: **EMERY**

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: **NWNW 18 17S 8E**

STATE: **UTAH**

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 10/20/2007	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: 1ST DELIVERY
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

XTO Energy Inc. first delivered this well on 10/20/2007. Initial flow rate was 22 MCF.

RECEIVED

MAY 20 2009

DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) **HOLLY C. PERKINS**

TITLE **REGULATORY COMPLIANCE TECH**

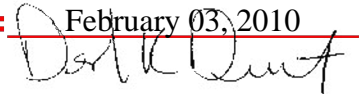
SIGNATURE

DATE **11/14/2007**

(This space for State use only)

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-48195
1. TYPE OF WELL Gas Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: XTO ENERGY INC		7. UNIT or CA AGREEMENT NAME: HUNTINGTON CBM
3. ADDRESS OF OPERATOR: 382 Road 3100 , Aztec, NM, 87410		8. WELL NAME and NUMBER: ST OF UT 17-8-19-11DX(RIGSKID)
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1142 FSL 1736 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESW Section: 18 Township: 17.0S Range: 08.0E Meridian: S		9. API NUMBER: 43015307080000
PHONE NUMBER: 505 333-3159 Ext		9. FIELD and POOL or WILDCAT: BUZZARD BENCH
COUNTY: EMERY		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION <input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 3/1/2010 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	TYPE OF ACTION <div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%;"> <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION </div> <div style="width: 33%;"> <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER </div> <div style="width: 33%;"> <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input checked="" type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: _____ </div> </div>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. XTO Energy Inc. proposes to TA this well per this General Procedure: 1) Pull Tbg, Cable, & ESP. Send ESP & Motor to Centrilift's facility in Casper. Refurbish motor & pump if possible and keep it as a spare. 2) Make a csg scr run to 4,200' w/ 5-1/2" csg scr & 2-7/8" tbg. TOH & LD csg scr. 3) MIRU WL unit. Set CIBP @ 4,160'. (This depth is 10' abv csg collar @ 4,170'.) Top of Ferron is at +/- 4,174'. 4) Correlate depth w/ RST-Sigma Log and/or GR/CCL/CBL logs run on August 13, 2007. 5) Press test 5-1/2" csg & CIBP to 500 psi. (Invite the State to witness press test.) 6) TIH w/ tbg & circulate the well w/ packer fluid wtr. 7) TOH & LD 2-7/8" tbg. 8) Return the tbg to XTO stock @ the Orangeville Yard. 9) Regulatory will file MIT & notice of TA status with the State.		
NAME (PLEASE PRINT) Barbara Nicol		PHONE NUMBER 505 333-3642
SIGNATURE N/A		TITLE Regulatory Compliance Tech DATE 2/3/2010

**Approved by the
Utah Division of
Oil, Gas and Mining**

Date: February 03, 2010
By: 

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
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PHONE NUMBER: 505 333-3159 Ext		9. FIELD and POOL or WILDCAT: BUZZARD BENCH
COUNTY: EMERY		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 3/1/2010	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER	
	OTHER: _____	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. XTO Energy Inc. has temporarily abandoned this well. Please see the attached summary report, XTO Verbal Approval Form and MIT performed on 2/26/2010.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY March 11, 2010		
NAME (PLEASE PRINT) Barbara Nicol	PHONE NUMBER 505 333-3642	TITLE Regulatory Compliance Tech
SIGNATURE N/A	DATE 3/11/2010	

EXECUTIVE SUMMARY REPORT

1/10/2010 - 3/11/2010
Report run on 3/11/2010 at 12:01 PM

State of Utah 17-08-19-11DX

Section 18-17S-08E, Emery, Utah, Buzzard Bench

2/23/2010 First report for TA of Ferron sd fr/4,212' - 4,378'. MIRU 4CWS rig # 2. Bd well. Automation Tech disc ESP electrical source. ND WH, NU BOP. SWI & SDFN.

2/24/2010 ===== State of Utah 17-08-19-11DX =====
MIRU center lift spooler. TOH w/139 jts 2-7/8" tbg, 2-7/8" dr sub, 4 jts 2-7/8" tbg, 2-3/8" x 2-7/8" x-over sub, Centrilift 186 stage P3, model 400PSSD, pmp (SN 01F0010996), motor seal model FSB3 SSCV SB, (SN 10436241) & 31 HP, 445 Volt, 45 amp, model FMHA motor (SN 21F-0071106). Cbl chkd gd. PU 4-3/4 blade bit & csg scr. TIH w/BHA & 32 jts 2-7/8" tbg. Shipped all ESP equip to Centrilift shop in Casper for repair. SWI & SDFN.

2/25/2010 ===== State of Utah 17-08-19-11DX =====
TIH w/107 jts 2-7/8" tbg. TOH w/139 jts 2-7/8" tbg LD 4-3/4 blade bit & csg scr. MIRU J-W WL. RIH w/5.5" CIBP. Set plg @ 4,160' in correlation of GR/CCL/CBL log ran on 8/13/2007. RDMO WL. TIH w/130 jts 2-7/8" tbg. Tag CIBP, circ well w/15 gal oxygen and corr inhib mxd w/30 BFW. TOH & LD 50 jts 2-7/8" tbg. SWI & SDFN.

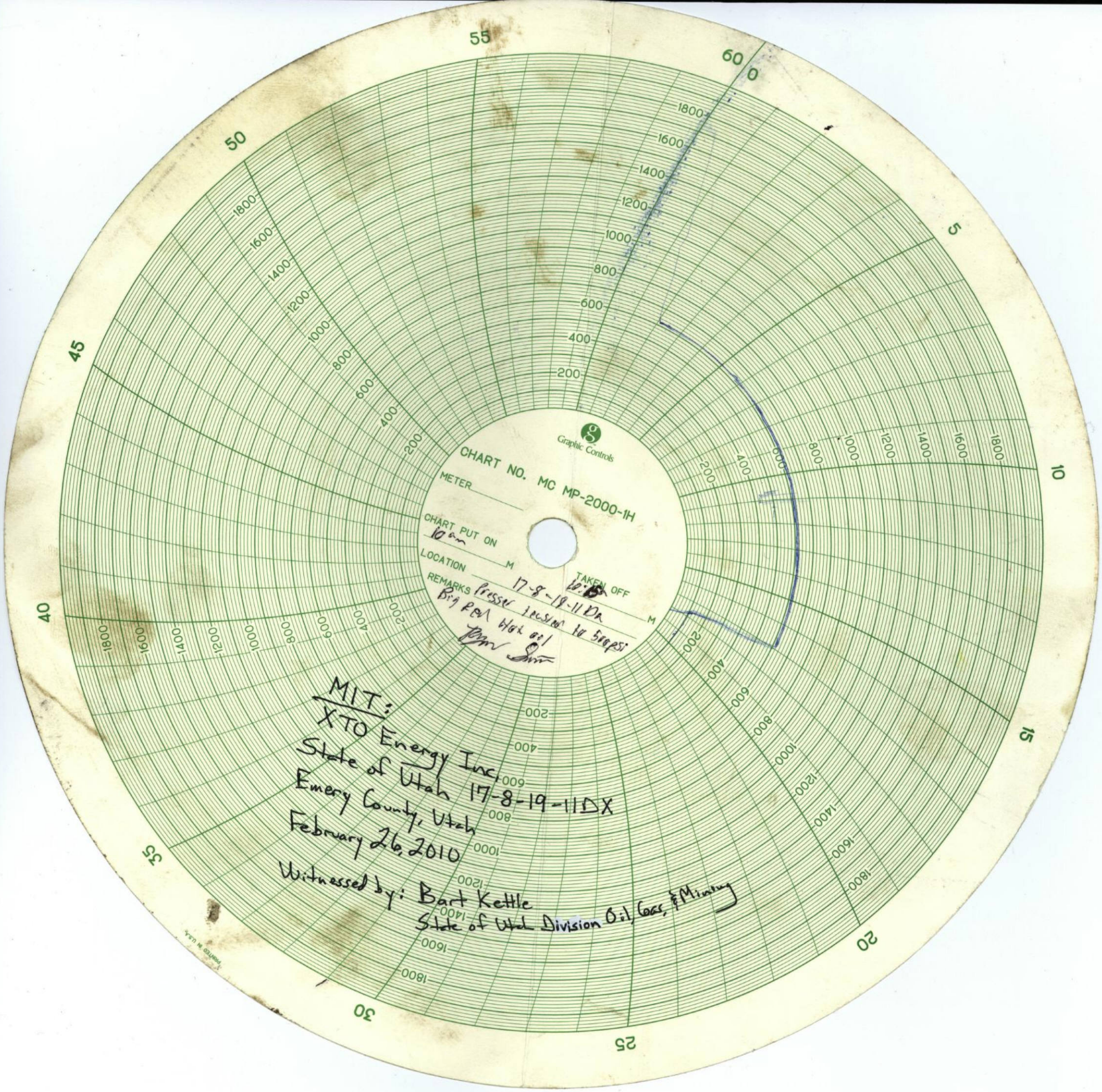
2/26/2010 ===== State of Utah 17-08-19-11DX =====
TOH & LD 89 jts 2-7/8" tbg. MIRU Big Red pmp trk. NU & PT csg to 500 psig for 15" on chart recorder, PT witnessed by Bart Kettle w/State of Utah Oil & Gas, Mining. Tstd ok. Rlsd press. RDMO Big Red. SWI & SDFWE.

3/1/2010 ===== State of Utah 17-08-19-11DX =====
SICP 0 psig. RDMO 4CWS rig #2. Fin rpt for TA.

XTO
Verbal Approval Form

Well Name	Well #	API #	County/State	XTO Employee Requesting Verbal Approval
State of Utah	17-8-19-11DX	43-C15-30708	Emery/Utah	Dal Gray
Detailed Description of Proposed Action Requiring Verbal Approval				
TA operations: LD ESP assembly, set CIBP, circ packer fluid, LD tubulars and perform MIT.				
Name of Agency	Verbal Approval Given By	Date/Time of Verbal Approval	COA's	
DOGM	Bart Keettle	2-23-2010 @ 9:00AM		
Is Pit Permit C144-CLEZ Required? (NM only)	Verbal Pit Approval Given By	Date/Time of Pit Verbal Approval	COA's	

RECEIVED March 11, 2010



STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
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PHONE NUMBER: 505 333-3159 Ext		9. FIELD and POOL or WILDCAT: BUZZARD BENCH
COUNTY: EMERY		STATE: UTAH
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	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER	
	<input type="checkbox"/> CASING REPAIR	
	<input type="checkbox"/> CHANGE WELL NAME	
	<input type="checkbox"/> CONVERT WELL TYPE	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input checked="" type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> APD EXTENSION	
	OTHER: _____	
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Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY March 11, 2010		
NAME (PLEASE PRINT) Barbara Nicol	PHONE NUMBER 505 333-3642	TITLE Regulatory Compliance Tech
SIGNATURE N/A	DATE 3/11/2010	

EXECUTIVE SUMMARY REPORT

1/10/2010 - 3/11/2010
Report run on 3/11/2010 at 12:01 PM

State of Utah 17-08-19-11DX

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TIH w/107 jts 2-7/8" tbg. TOH w/139 jts 2-7/8" tbg LD 4-3/4 blade bit & csg scr. MIRU J-W WL. RIH w/5.5" CIBP. Set plg @ 4,160' in correlation of GR/CCL/CBL log ran on 8/13/2007. RDMO WL. TIH w/130 jts 2-7/8" tbg. Tag CIBP, circ well w/15 gal oxygen and corr inhib mxd w/30 BFW. TOH & LD 50 jts 2-7/8" tbg. SWI & SDFN.

2/26/2010 ===== State of Utah 17-08-19-11DX =====
TOH & LD 89 jts 2-7/8" tbg. MIRU Big Red pmp trk. NU & PT csg to 500 psig for 15" on chart recorder, PT witnessed by Bart Kettle w/State of Utah Oil & Gas, Mining. Tstd ok. Rlsd press. RDMO Big Red. SWI & SDFWE.

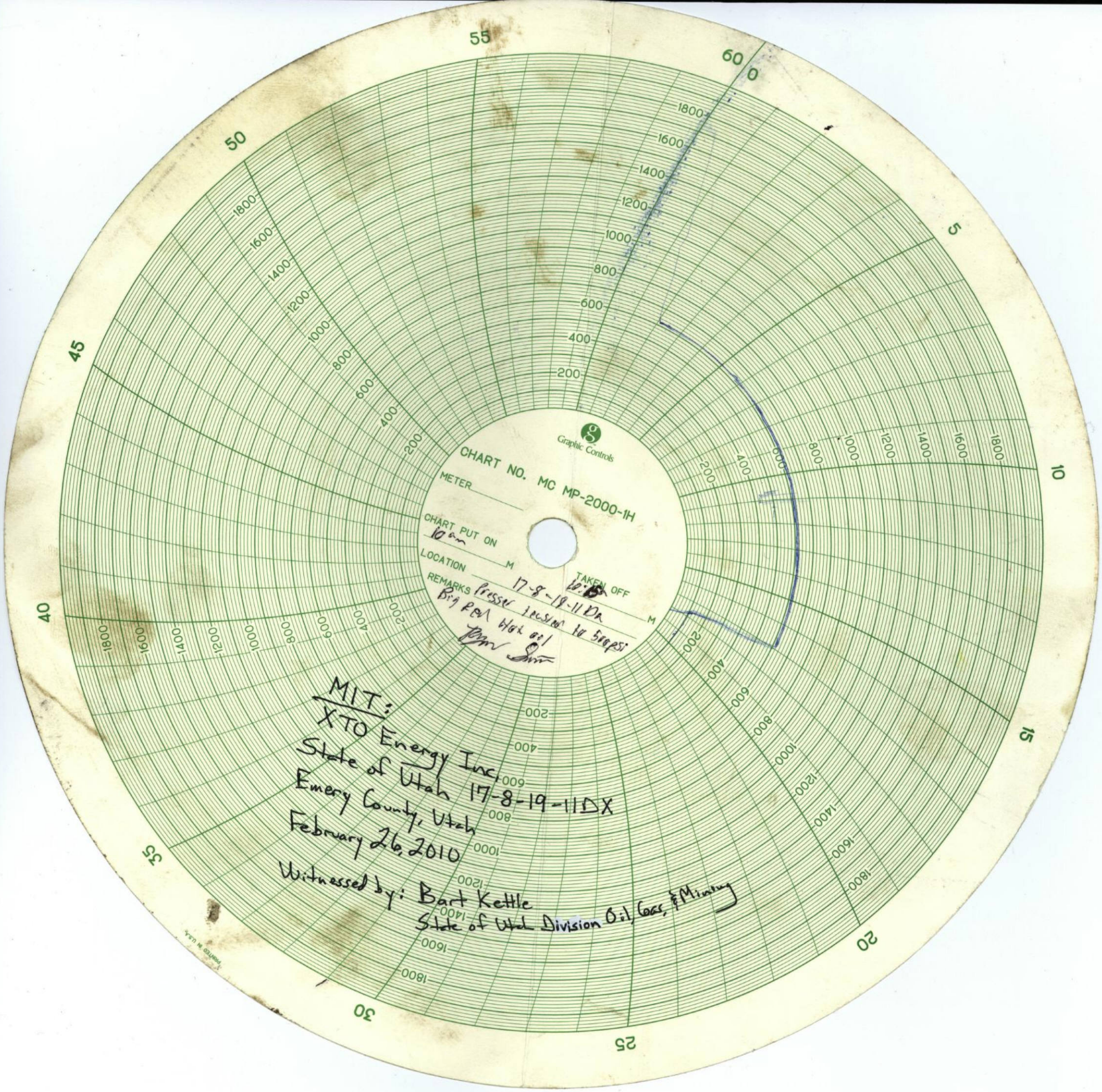
3/1/2010 ===== State of Utah 17-08-19-11DX =====
SICP 0 psig. RDMO 4CWS rig #2. Fin rpt for TA.

XTO

Verbal Approval Form

Well Name	Well #	API #	County/State	XTO Employee Requesting Verbal Approval
State of Utah	17-8-19-11DX	43-CIS-30708	Emery/Utah	Dal Gray
Detailed Description of Proposed Action Requiring Verbal Approval				
TA operations: LD ESP assembly, set CIBP, circ packer fluid, LD tubulars and perform MIT.				
Name of Agency	Verbal Approval Given By	Date/Time of Verbal Approval	COA's	
DOGM	Bart Keettle	2-23-2010 @ 9:00AM		
Is Pit Permit C144-CLEZ Required? (NM only)	Verbal Pit Approval Given By	Date/Time of Pit Verbal Approval	COA's	

RECEIVED March 11, 2010



Graphic Controls
CHART NO. MC MP-2000-1H
METER _____
CHART PUT ON 10 am
LOCATION _____ M
REMARKS 17-8-19-11 DA
Big Rock block oil
Bart Kettle

MIT:
XTO Energy Inc.
State of Utah 17-8-19-11 DA
Emery County, Utah
February 26, 2010
Witnessed by: Bart Kettle
State of Utah Division Oil, Gas, & Mining

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-48195
1. TYPE OF WELL Gas Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: XTO ENERGY INC		7. UNIT or CA AGREEMENT NAME: HUNTINGTON CBM
3. ADDRESS OF OPERATOR: 382 Road 3100 , Aztec, NM, 87410		8. WELL NAME and NUMBER: ST OF UT 17-8-19-11DX(RIGSKID)
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1142 FSL 1736 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESW Section: 18 Township: 17.0S Range: 08.0E Meridian: S		9. API NUMBER: 43015307080000
PHONE NUMBER: 505 333-3159 Ext		9. FIELD and POOL or WILDCAT: BUZZARD BENCH
COUNTY: EMERY		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

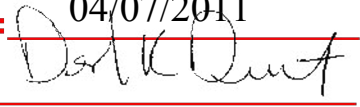
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 6/1/2011 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input checked="" type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

 XTO Energy Inc. requests an extension on the TA status with the intent of P&A'ing the well this summer. A specific P&A procedure will be submitted at a later date.

Approved by the
Utah Division of
Oil, Gas and Mining

Date: 04/07/2011

By: 

NAME (PLEASE PRINT) Barbara Nicol	PHONE NUMBER 505 333-3642	TITLE Regulatory Compliance Tech
SIGNATURE N/A	DATE 4/1/2011	



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Sundry Conditions of Approval Well Number 43015307080000

Extension valid through September 1, 2011.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-48195
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PHONE NUMBER: 505 333-3159 Ext		9. FIELD and POOL or WILDCAT: BUZZARD BENCH
COUNTY: EMERY		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

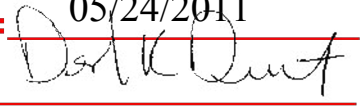
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 6/1/2011	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input checked="" type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER:
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:			
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input type="checkbox"/> DRILLING REPORT Report Date:			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

 XTO Energy Inc. intends to plug & abandon this well per the attached procedure. Please see also attached the current & proposed wellbore diagrams.

Approved by the
Utah Division of
Oil, Gas and Mining

Date: 05/24/2011

By: 

NAME (PLEASE PRINT) Barbara Nicol	PHONE NUMBER 505 333-3642	TITLE Regulatory Compliance Tech
SIGNATURE N/A	DATE 5/5/2011	



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Sundry Conditions of Approval Well Number 43015307080000

- 1. Notify the Division at least 24 hours prior to conducting abandonment operations.
Please call Dan Jarvis at 801-538-5338.**
- 2. All balanced plugs shall be tagged to ensure they remain at the depth specified by the proposal.**
- 3. All annuli shall be cemented from a minimum depth of 100' to the surface.**
- 4. Surface reclamation shall be done in accordance with R649-3-34 – Well Site Restoration.**
- 5. All requirements in the Oil and Gas Conservation General Rule R649-3-24 shall apply.**
- 6. If there are any changes to the plugging procedure or the wellbore configuration, notify Dustin Doucet at 801-538-5281 (ofc) or 801-733-0983 (home) prior to continuing with the procedure.**
- 7. All other requirements for notice and reporting in the Oil and Gas Conservation General Rules shall apply.**

5/23/2011

Wellbore Diagram

r263

API Well No: 43-015-30708-00-00

Permit No:

Well Name/No: ST OF UT 17-8-19-11DX(RIGSKID)

Company Name: XTO ENERGY INC

Location: Sec: 18 T: 17S R: 8E Spot: SESW

Coordinates: X: 493914 Y: 4354255

Field Name: BUZZARD BENCH

County Name: EMERY

String Information

String	Bottom (ft sub)	Diameter (inches)	Weight (lb/ft)	Length (ft)	Capacity (F/CF)
HOL1	73	30			
COND	73	19	94	73	
HOL2	340	14.75			
SURF	340	11.375	47	340	
HOL3	4712	8.75			
PROD	4712	5.5	17	4712	7.661
T1	4469	2.875			
$8\frac{3}{4}" \times 5\frac{1}{2}" (108)$					2.9387
$11\frac{3}{4}" \times 5\frac{1}{2}"$					2.0204

Cement from 73 ft. to surface

Conductor: 19 in. @ 73 ft.

Hole: 30 in. @ 73 ft.

Cement from 340 ft. to surface

Surface: 11.375 in. @ 340 ft.

Hole: 14.75 in. @ 340 ft.

400'

Plug #2

$$\text{PUT } 8\frac{3}{4}" - 60' / (1.18) (2.9387) = 185 \text{ SK}$$

$$11\frac{3}{4}" - 340' / (1.18) (2.0204) = 143 \text{ SK}$$

$$\text{1N } 400' / (1.18) (7.661) = 44 \text{ SK}$$

205 SK

$$\rightarrow \text{propose } 276 \text{ SK } \checkmark \text{ O.K.}$$

Cement Information

String	BOC (ft sub)	TOC (ft sub)	Class	Sacks
COND	73	0	UK	150
PROD	4712	2180'	UK	246
SURF	340	0	A	200

Perforation Information

Top (ft sub)	Bottom (ft sub)	Shts/Ft	No Shts	Dt Squeeze
4212	4322			
3592	3610			
3692	3750			

Formation Information

Formation	Depth
FRSD	4174
FRSD	4404
TNUNK	4601

Cement from 4712 ft. to surface

Tubing: 2.875 in. @ 4469 ft.

Production: 5.5 in. @ 4712 ft.

Hole: 8.75 in. @ 4712 ft.

Hole: Unknown

TD: 4760 TVD: 4118 PBD: 4659

LWA _____

TWD _____

Approved _____

State of Utah 17-8-19-11DX
1,142' FSL & 1,736' FWL, Sec 18, T17S, R8E
Emery County, UT

Plug & Abandon Procedure

Formation: Ferron Coal/Sand.
Surf Csg: 11-3/4"; 47#, J-55 csg @ 340'. Csg cmt'd w/ 200 sx Class 'A'. Circ 8 bbl cmt to surf.
Prod Csg: 5-1/2", 17#, I-80, Csg set @ 4,712' MD 4,072' TVD. PBTD @ 4,659' MD 4,021 TVD. Csg cmt'd w/ 246 sx Type III cmt. Did not circ cmt to surf.
Perfs: 4,212' – 4,231' MD 3,592' – 3,610' TVD; 3 spf
 4,318' – 4,378' MD 3,692' – 3,750' TVD; 3 spf
Tbg: None
Rods: None
Pump: None
Status: TA

1. Notify Dustin Doucet, Utah Division of Oil, Gas & Mining at 801-538-5281 48 hrs in advance of pending operations.
2. MI 4,200' of used 2-7/8", 6.5#, J-55, EUE, 8 rd tbg fr/ the XTO yard.
3. Set 1 flowback tnk. MIRU PU w/ pmp & pit.
4. ND WH. NU BOP.
5. PU & TIH w/ opened ended 2-7/8" tbg. Tag CIBP @ 4,160' MD & pick up 1'.
6. Drop 2-7/8" SV. PT tbg to 1,000 psi for 5". Rls press & retri SV.
7. MIRU cmt pmp trk.
8. Circ & load the entire hole w/gelled wtr. PT csg to 500 psi for 10". Rls press.
9. **PLUG #1:** Mix 20 sks Type V cmt (15.6 ppg, 1.18 cuft/sk) & spot a 180' balanced plug inside the 5-1/2" csg fr/4,160' – 3,980'. RD cmt pmp trk.
10. TOH & LD 2-7/8" tbg.
11. RU WL. RIH & perforate 3 holes in the 5-1/2" csg @ 400' w/HSC gun. POOH & RDMO WL. ND BOP.
12. RU cmt pmp trk. Open the 5-1/2" x 8-5/8" bradenhead vlv. Tie pmp trk onto 5-1/2" csg. Load hole & establish circ w/ wtr.
13. **PLUG #2:** Mix 276 sks Type V cmt (15.6 ppg, 1.18 cuft/sk) & pmp it dwn the 5-1/2" csg & circ cmt up the 5-1/2" x 11-3/4" annulus. (The entire 5-1/2" csg & 5-1/2" x 11-3/4" annulus will be filled w/cmt fr/400' back to surf.) Volume of cmt equals 30% excess.
14. Monitor well for cmt fall back & top off if necessary. RDMO cmt pmp trk.

15. Cut off WH below surf csg. Install P&A marker. RDMO PU.
16. Haul all equip to XTO yard.
17. Reclaim location

REGULATORY REQUIREMENTS:

- Utah Division of Oil, Gas & Mining approval.
- LOI to interest owners
-

MATERIALS:

- 4,200' of used 2-7/8", 6.5#, J-55, EUE, 8 rd tbg.



XTO - Wellbore Diagram

Well Name: State of Utah 17-08-19-11DX

API/UWI 43015307080000	E/W Dist (ft) 1,736.0	E/W Ref FWL	N/S Dist (ft) 1,142.0	N/S Ref FSL	Location T17S-R08E-S18	Field Name Buzzard Bench	County Emery	State Utah
Well Configuration Type Horizontal	XTO ID B 114446	Orig KB Elev (ft) 7,010.00	Gr Elev (ft) 6,996.00	KB-Grd (ft) 14.00	Spud Date 7/2/2007	PBTD (All) (ftKB) Original Hole - 4659.0	Total Depth (ftKB) 4,760.0	Method Of Production None

Well Config: Horizontal - Original Hole, 4/5/2011 5:16:42 PM

Schematic - Actual			Incl	ftKB (TVD)	ftKB (MD)	Zones									
						Zone	Top (ftKB)				Btm (ftKB)				
						Ferron Sand	4,212.0				4,378.0				
						Casing Strings									
						Casing Description	OD (in)	Wt (lbs/ft)	String Grade	Top Connection	Set Depth (ftK...				
			0.0	0	0	Conductor	20	94.00	J-55		73.0				
						Casing Description	OD (in)	Wt (lbs/ft)	String Grade	Top Connection	Set Depth (ftK...				
						Surface	11 3/4	47.00	J-55		340.0				
			0.0	14	14	Casing Description	OD (in)	Wt (lbs/ft)	String Grade	Top Connection	Set Depth (ftK...				
						Production	5 1/2	17.00	I-80		4,712.0				
						Cement									
						Description	Type				String				
			0.1	73	73	Conductor Casing Cement	casing				Conductor, 73.0ftKB				
						Comment									
						Cmt'd cond csg w/6 cuyds Redimix cmt									
			0.2	298	298	Description	Type				String				
						Surface Casing Cement	casing				Surface, 340.0ftKB				
						Comment									
			0.2	339	339	Cmt'd surf csg w/ 200 sks Class A w/ additives. Circ 8 bbls cmt to surf.									
						Description	Type				String				
						Production Casing Cement	casing				Production, 4,712.0ftKB				
						Comment									
			0.2	340	340	Cmt'd csg w/ lead slurry of 86 sks Type III + adds & tail slurry of 160 sks Type III + adds. Did not circ cmt to surf.									
			0.2	343	343	Perforations									
						Date	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Hole Diameter (in)	Phasing (°)	Curr... Status	Zone		
			10.5	2,349	2,775	9/12/2007	4,212.0	4,231.0	3.0	0.410	120		Ferron Sand		
						9/11/2007	4,318.0	4,378.0	3.0	0.410	120		Ferron Sand		
			22.5	3,544	4,160	Tubing Strings									
						Tubing Description				Run Date		Set Depth (ftKB)			
			22.5	3,547	4,163	Tubing Components									
						Item Description	Jts	Model	OD (in)	Wt (lbs/...	Gra...	Top Thread	Len (ft)	Top (ftKB)	Btm (ftKB)
			20.5	3,592	4,212										
			20.5	3,610	4,231	Rods									
						Rod Description				Run Date		String Length (ft)		Set Depth (ftKB)	
			18.5	3,692	4,318	Rod Components									
						Item Description	Jts	Model	OD (in)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)		
			17.5	3,750	4,378	Stimulations & Treatments									
						Frac Start Date	Top Perf (f...	Bottom Pe...	V (slurry) (...)	Total Prop...	AIR (b...	ATP (psi)	MTP (psi)	ISIP (psi)	
						9/11/2007	4318	4378							
						Comment									
			13.5	4,021	4,659	Frac L/Ferron Coal perms fr/4,318' - 4,378' w/19,545 gals frac G 20# slickwater, 49,336 gals 20# Delta 140 frac fld carrying 53,200 lbs 20/40 Brady sd, & 72,200 lbs 16/30 Brady sd. Frac Gradient 0.82. Flshd w/4,209 gals 20# Linear Gel, 0.5 bbls short. Sd Conc 0.3 - 5.0 ppg. All sd coated w/sd wedge NT. ISIP 1,665 psig, 5" SIP 1,440 psig, 10" 1,277 psig, 15" 1,155 psig, ATP 2,245 psig. AIR 40.7 bpm. Max TP 2,943 psig. Max IR 44.0 bpm. Max sd conc 5.0 ppg.									
			13.5	4,027	4,666										
			14.5	4,028	4,667	Frac Start Date	Top Perf (f...	Bottom Pe...	V (slurry) (...)	Total Prop...	AIR (b...	ATP (psi)	MTP (psi)	ISIP (psi)	
						9/12/2007	4212	4231							
			14.1	4,071	4,711	Comment									
						Frac U/Ferron Coal perms fr/ 4,212' - 4,231' w/13,627 gals frac G 20# slickwater, 34,164 gals 20# Delta 140 frac fld carrying 35,050 lbs 20/40 Brady sd & 49,700 lbs 16/30 Brady sd. Frac Gradient 0.94. Flshd w/4,004 gals 20# Linear Gel, 3 bbls short. Sd Conc .30 - 5.0 ppg. All sd coated w/Sd Wedge NT. ISIP 2,142 psig, 5" SIP 1,773 psig, 10" SIP 1,339 psig, 15" SIP 927 psig AIR 30.5 bpm, ATP 2,003 psig. Max TP 2,580 psig. Max IR 30.91 bpm, Max sd conc 5.0 ppg.									
			14.1	4,072	4,712										
			14.1	4,118	4,760										

Well Casing: Horizontal Original Pore, 160/20

5 1/2" CIBP, 5.100, 4,160-4,163

PBTD, 4,659

TD, 4,760

5 1/2" CIBP, 5,100, 4,160-4,163

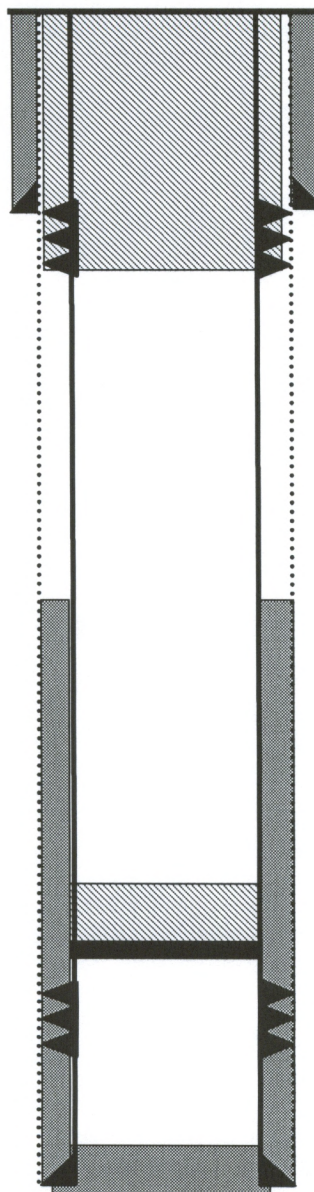
Top (MD):4,212,
Des:Ferron SandPBTD,
4,659TD,
4,760

Proposed P&A
State of Utah 17-8-19-11DX

Ferron Coal
1.142' FSL. 1.736' FWL. Section 18. T-17-S. R-8-E.
Emery County, UT / API #43-015-30708

Today's Date: 4/13/11
 Spud: 7/2/07
 Completed: 9/11/07
 Elevation: 6,996' GI
 7,010' KB

14.75" hole



11.75" 47#, J-55 Casing set @ 340'
 Cement with 200 sx Class 'A'
 Circulated 8 bbls cmt to Surface

Plug #2: 400' - 0' MD
 Class V Cement, 276 sxs

TOC @ 2,775' MD 2,349' TVD

Plug #1: 4,160' - 3,980' MD
 Type V Cement, 20 sxs

CIBP @ 4,160' MD 3,544' TVD

Ferron Coal Perforations:
 4,212' - 4,231' MD 3,592' - 3,610' TVD
 4,318' - 4,378' MD 3,692' - 3,750' TVD

5.5", 17#, I-80 Casing set @ 4,712' MD 4,072' TVD
 Pumped 86 sx Type III cmt & tail w/160 sx Type III cmt
 Did not circ cmt to surf

Ferron Coal @ 4,174' MD
 Ferron Coal @ 3,556' TVD

8.75" hole

TD 4,760' MD 4,118' TVD
 PBTD 4,659' MD 4,021' TVD

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-48195
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3. ADDRESS OF OPERATOR: 382 Road 3100 , Aztec, NM, 87410		8. WELL NAME and NUMBER: ST OF UT 17-8-19-11DX(RIGSKID)
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1142 FSL 1736 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESW Section: 18 Township: 17.0S Range: 08.0E Meridian: S		9. API NUMBER: 43015307080000
PHONE NUMBER: 505 333-3159 Ext		9. FIELD and POOL or WILDCAT: BUZZARD BENCH
COUNTY: EMERY		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 7/28/2011	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input checked="" type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Please see attached report.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY		
NAME (PLEASE PRINT) Lorri Bingham	PHONE NUMBER 505 333-3204	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 8/2/2011	

Wellname: State of Utah 17-08-19-11DX

T-R-S: T17S-R08E-S18

County: Emery **State:** Utah

Lat: 39°20'6.65"N **Long:** -111°4'24.990"W

Total Depth of Wellbore: 4,760.0 **PBTD Depth:** 4,659.0 **EOT Set Depth:** 4,180.9

Zones: Ferron Sand Top: 4,212.0 Bottom: 4,378.0

Objective: Abandonment P&A Proposed TD:

Daily Operations Data From: 7/25/2011 7:00:00AM to 7/25/2011 6:00:00PM

Operation Summary: Notify Dan Jarvis w/ Utah Division of Oil, Gas with intent to P & A, State of Utah 17-8-19-11DX Ferron Coal. MIRU. TIH w/tbg. Tgd CIBP @ 4,160'. MIRU cmt truck, pmp 26 sx cmt plug (5.64 bbl slurry) of Type II cmt fr/4,160' - 3,925'. TOH & LD tbg. MIRU WL. RIH w/2-1/8" BI perf gun. Perf 4 sqz holes. SD pmp, well went on vac. Pmp 81 sx cmt plug (17.03 bbl slurry) of Type II cmt. Well on vac when SD pmps. No cmt rets to surf. Plugging ops witnessed by Bart Kettle w/ Utah division of Oil, Gas was on location. SWI & SDFN.

Daily Operations Data From: 7/26/2011 7:00:00AM to 7/26/2011 3:00:00PM

Operation Summary: Pmp 100 sx cmt plug (21.03 bbl slurry) of Type II cmt down 5-1/2" ann. No cmt @ surface. SWI for 3 hours. Pmp #2 w/100 sx cmt plug (21.03 bbl slurry) of Type II cmt. No cmt @ surface. SWI for 2 hours. Pmp #3 w/222 sx cmt plug (46.68 bbl slurry) of Type II cmt. No cmt @ surface. Plugging ops witnessed by Bart Kettle w/ Utah division of Oil, Gas was on location. SWI & SDFN.

Daily Operations Data From: 7/27/2011 7:00:00AM to 7/27/2011 7:00:00PM

Operation Summary: Pmp 100 sx cmt plug (21.03 bbl slurry) of Type II cmt. No cmt @ surface. SWI for 3 hours. Pmp #2 w/100 sx cmt plug (21.02 bbl slurry) of Type II cmt. No cmt @ surface. SWI for 2 hours. Pmp #3 w/307 sx cmt plug (64.55 bbl slurry) of Type II cmt. Lost circ after first 160 sx. No cmt @ surface. MIRU L. RIH w/2-1/8" BI perf gun. Perf 4 sqz holes. TIH w/tbg. Tgd EOT @ 400'. Pmp 113 sx cmt plug (20.13 bbl slurry) of Type II cmt fr/400' - surface. TOH & LD tbg. Plugging ops witnessed by Bart Kettle w/ Utah Division of Oil, Gas was on location. SWI & SDFN.

Daily Operations Data From: 7/28/2011 7:00:00AM to 7/28/2011 11:00:00AM

Operation Summary: Top off cmt @ surf. Dug up WH & cut off @ 4' below surf. Installed P & A marker. FR rpt for P & A ops.

=====State of Utah 17-08-19-1DX=====